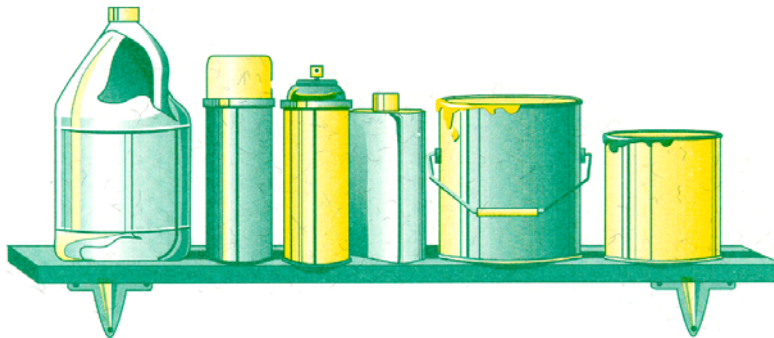




# Kansas Household Hazardous Waste Program

*This report summarizes the state Household Hazardous Waste (HHW) program and its three grant programs; HHW, Small Quantity Generator (SQG) and Agricultural Waste Pesticide (AWP). The report period is the state fiscal year (SFY) 2003, July 1, 2002 - June 30, 2003.*

## SFY - 2003 Report to the Legislature



**Kansas Department of Health & Environment  
Bureau of Waste Management  
Division of Environment**





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# The Kansas Household Hazardous Waste Program

Statutory Authority: K.S.A. 65-3460

## *Introduction*

Household hazardous wastes (HHW) represent a wide variety of wastes which are produced as a result of normal household activities. Among the most common of these are:

- pesticides, paints, and varnishes
- paint thinners and other solvents
- motor oil, antifreeze and other automobile fluids
- household cleaners, polishes, and waxes
- wood preservatives, photo and hobby chemicals
- swimming pool chemicals, and batteries

Each of these products may pose a threat to sanitation workers or public health and the environment when improperly handled or disposed. HHW discarded with other trash may contaminate the air or groundwater, react or explode in waste compactors, or injure personnel handling these wastes. Improper disposal to sanitary or storm water sewers may damage septic systems, sewage treatment plants, drinking water supplies, corrode plumbing, or cause treatment plant sludge to be hazardous.

## *Background*

The Kansas HHW program began with the establishment of the HHW grant program in 1989 which was funded by fees on water use and fertilizer and pesticide sales through the State Water Plan. The HHW program was designed to protect Kansas groundwater by reducing, recycling, diverting and replacing the use of household hazardous products. The first permanent facility in Kansas was permitted in 1990 in Riley County. Since then, the number of facilities has grown to 36 providing safe HHW disposal options for 80 Kansas counties and over 90% of the state's population.

See page two for a map illustrating the location of the HHW facilities and regional programs to date. *The same map on a larger scale is shown in Appendix C. A list of contact person, address, phone number and program status for each HHW program is shown in Appendix A.*

*What are Household Hazardous Wastes?*

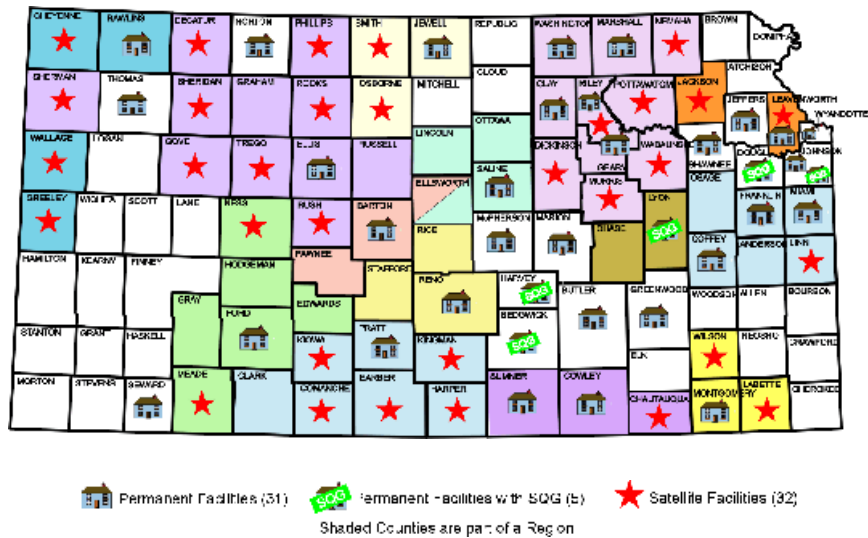
*HHW discarded with other trash may contaminate the air or groundwater, react or explode in waste compactors, or injure personnel handling such wastes.*

*The HHW grant program began in 1989.*

*Over ninety percent of the state's population base has access to safe HHW disposal.*

*There are currently 36 facilities in Kansas, serving 80 of its 105 counties.*

## Kansas Household Hazardous Waste Program



## Wastes Collected and Managed in SFY 2003

### HHW Waste Totals and Comparisons

*Over 3.4 million pounds of HHW was collected in SFY 2003.*

*In SFY 2003, the average facility/program spent \$43.92 per participant to manage and dispose of the wastes collected.*

A total of 3,490,013 pounds of HHW was collected and managed in SFY 2003 (July 1, 2002 - June 30, 2003). As shown in Figures 1 and 2, there was a slight increase in pounds collected and in participation rates from SFY 2002. While 40,254 participants were recorded, many facilities estimate the number of people bringing in waste. By contrast, records of pounds of HHW collected are based on scale measurements and are considered accurate. The reported cost to manage the collected HHW was \$1,767,933 which corresponds to \$.47 per pound (\$.02 less than SFY 2002) or \$43.92 per participant (\$5.61 less than SFY 2002). In addition to disposal costs, this figure includes administrative overhead, equipment, supplies, training, and related salaries. See Figures 1-3, below, and Appendix E for more information and trends in wastes collected and managed in SFY 2003.

*Over 40,000 Kansans used HHW facilities in SFY 2003. This is 9% increase over SFY 2002 participation.*

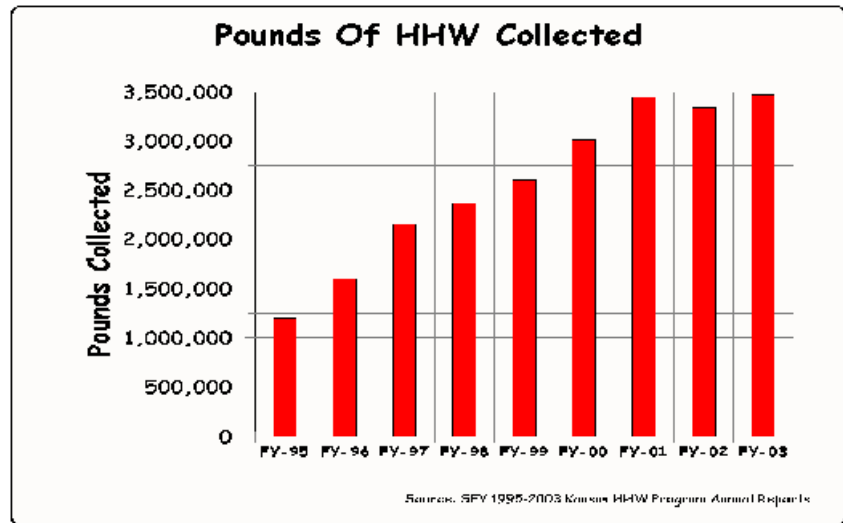


Figure 1, Pounds of HHW Collected

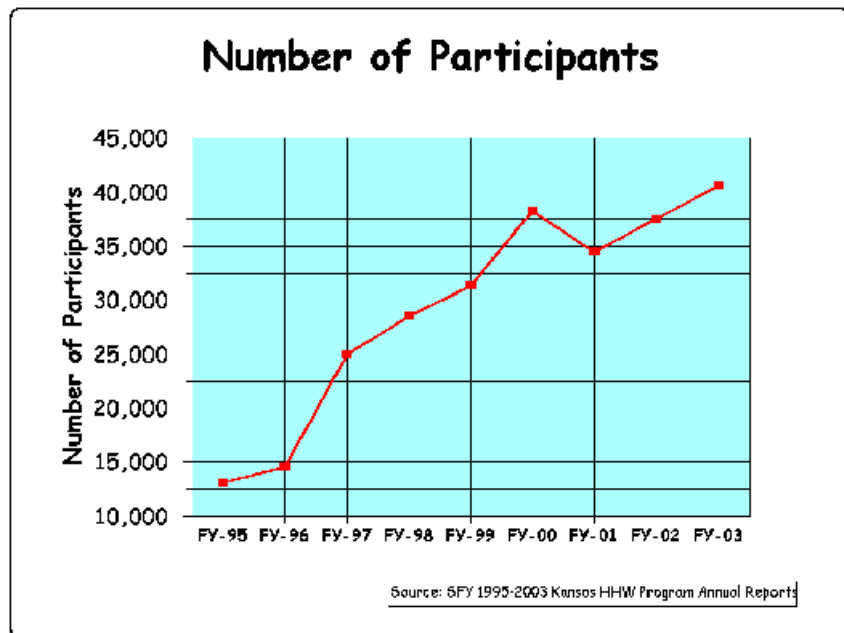


Figure 2. Number of HHW Participants

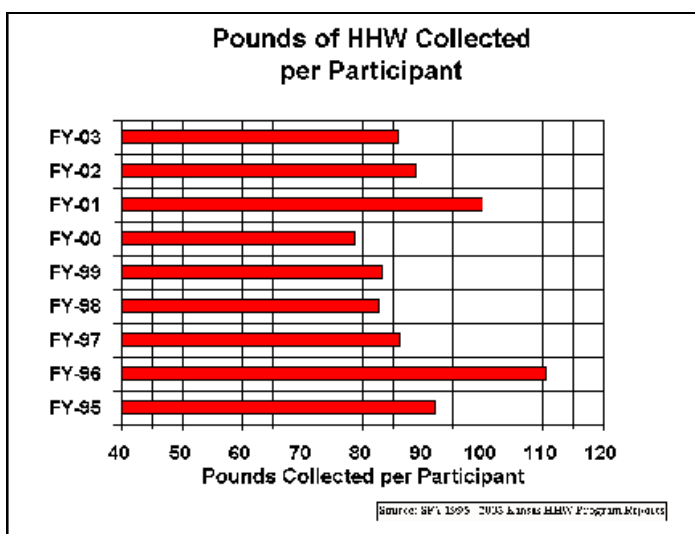
*In SFY 2003 the average Kansan brought in 87 pounds of HHW to the facility.*

*Typical HHW can be grouped into seven general categories:*

- % paints,
- % used oil,
- % poisons and pesticides,
- % flammable liquids,
- % batteries,
- % antifreeze, and
- % miscellaneous items

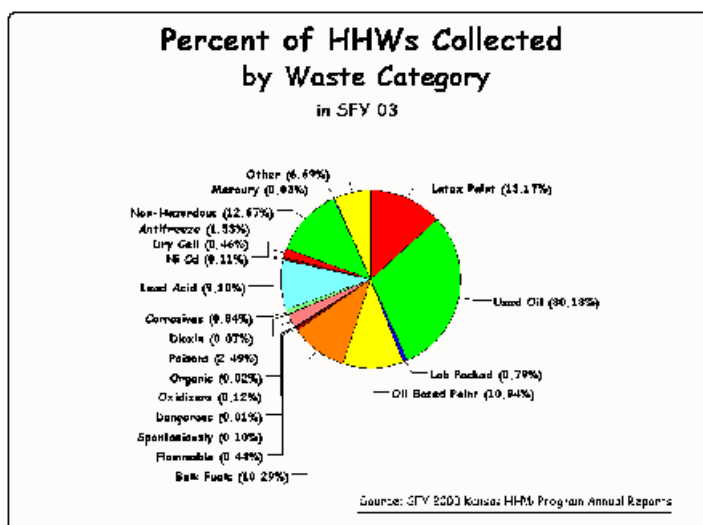
*54.2% of all waste collected in SFY 2003 was paint and oil.*

Figure 3. Pounds of HHW Collected per Participant



HHW facilities maintain records on twenty categories of waste, however, the material typically collected can be grouped into seven general categories: paints, used oil, poisons and pesticides, flammable liquids, batteries, antifreeze, and other miscellaneous items. Figure 4 illustrates the percentages of the total waste collected statewide in SFY 2003. The majority of waste collected is latex and oil-based paints (24.1%) and used oil (30.1%).

Figure 4. Percent of HHW collected by waste category in SFY 2003.





*Small Quantity  
Generator programs  
across the state  
collected 60,664 lbs. of  
waste in SFY 2003.*

*SFY 1995 legislation  
expanded the HHW  
program to include two  
new Grant Programs:  
Small Quantity  
Generator and  
Agricultural Waste  
Pesticide*

### ***Small Quantity Generator Waste Collected***

In Kansas, a Small Quantity Generator (SQG) is a business, industry, or commercial facility where the quantities of hazardous waste generated are small enough that the complex registration and reporting requirements of larger generators are not required. Legislation enacted in SFY 1995 allows SQG waste to be managed through existing HHW facilities provided the HHW facility permit contains the necessary amendments.

In SFY 2003, 60,664 pounds of SQG wastes were brought in by 140 participating businesses. The bulk of the material received was oil based and latex paint.

## **Grant Programs**

### ***Background***

The Kansas Household Hazardous Waste (HHW) Grant program was established with K.S.A. 65-3415 (c) in SFY 1989. The first HHW grants were awarded in SFY 1990. The initial program was funded by the Kansas Water plan. Legislation in SFY 1995 expanded the HHW program and established a new source of funding. K.S.A. 65-3415 (d) and (e), adopted in 1995, directed KDHE to use a state fee on solid waste entering Kansas landfills and transfer stations to support the expanded programs. Two new HHW grant programs, Small Quantity Generators (SQG) and Agricultural Waste Pesticides (AWP) were established by the statutes. *Appendix D provides a financial review of the grant program from SFY 1990 to SFY 2003. A brief discussion of each grant awarded in SFY 03 can also be found beginning on page 7.*

### ***Local Match Requirements***

From SFY 1991 to 1995, the HHW grant program provided up to 50% of the total project cost to develop and implement local HHW collection programs. However, 1996 legislation, K.S.A. 65-3415 (c), reduced that local match requirement to 40%. This statutory change also expanded the HHW program to include Small Quantity Generator and Agricultural Waste Pesticide Grant Programs with a local match requirement of 25%.

*The HHW grant program is considered "seed money" to help local governments develop and implement HHW programs.*

*In Kansas, a small quantity generator is a facility that generates less than 55 lbs. of hazardous waste, or less than 2.2 lbs. of acutely hazardous waste per month.*

### ***Household Hazardous Waste Grant Program***

The HHW grant program is considered "seed money" to assist local governments with the start up costs to develop and implement HHW programs. The grant program does not subsidize ongoing operational expenditures. Grant recipients may apply for funding in subsequent grant rounds, but only to expand or improve existing programs. However, funds for actual HHW disposal are available on a "one-time" start up basis only.

### ***Small Quantity Generator Grant Program***

The SQG grant program will pay local governments up to 75% of the total cost to develop and implement a SQG program. However, no single grantee may exceed \$50,000, and a total of \$150,000 is available for all grants in a given fiscal year. SFY 1996 was the first year SQG grants were available. No SQG grants were awarded in SFY 2003.

A Kansas small quantity generator is a facility that generates less than 55 lbs. (25 kg) of hazardous waste, or less than 2.2 lbs. (1 kg) of acutely hazardous waste, per calendar month. Some common SQGs include dry cleaners, photo labs, print shops and paint contractors. SQGs are regulated in Kansas under K.A.R. 28-31-1 *et seq.* While SQGs in Kansas are not subject to notification or reporting requirements of larger hazardous waste generators, they are required to manage their hazardous waste in an environmentally sound manner.

Previously, SQGs had few alternatives for disposing of their hazardous waste because the small volumes made professional hazardous waste disposal economically prohibitive. To encourage diversion of these wastes from landfills, SFY 1995 legislation included provisions to allow SQG waste to be managed through existing HHW facilities with a permit amendment.

### ***Agricultural Waste Pesticide Grant/Clean Up Program***

The Agricultural Waste Pesticide (AWP) program will pay local governments up to 75% of the cost for proper disposal of agricultural pesticides which cannot be used because of cancellation or suspension of the product's federal or state registration or deterioration of the product and label. SFY 1996 was the first year AWP grants were available.

Although the grant program saw success in some areas, it was not being utilized statewide for a variety of reasons. Significant time and planning are required to conduct such an event. Because of the unpredictability of volumes received at these collections, budgeting for a collection at the county level is often difficult. The grant program also requires a 25% match which some counties found hard to meet. In order to address these problems, the Kansas Agricultural Clean Sweep program was launched in the spring of 2000. Additional information on the Clean Sweep program can be found on page 11.

*In SFY 2003, seven  
grantees received HHW  
awards totaling  
\$327,930.*

### ***SFY 2003 Grant Summary***

Below is a short summary of the SFY 2003 HHW grants. Seven grantees received awards totaling \$327,930. No SQG or AWP grants were awarded in SFY 2003.

#### **Ellis County- \$11,960**

Grant funds will be used to expand the regional program to add Sherman County. This request was used for Sherman County's addition to the regional program, storage cabinets, first year disposal costs, and a forklift for Ellis County's regional facility.

#### **Lyon County- \$147,000**

Grant funds were used to construct a new HHW facility. The request was used for the construction of the building, supplies, and capital equipment.

#### **Dickinson County - \$21,000**

Grant funds were used to construct a building for the HHW program and purchase a used oil tank.

#### **Osborne County- \$8,395**

Grant funds were used to purchase storage cabinets and drums to implement a HHW program.

#### **City of Olathe- \$125,000**

Grant funds will be used to construct a new HHW storage facility and relocate current building and oil storage.

#### **Wilson County- \$11,575**

Grant funds were used to purchase storage cabinets and hold mobile collections to implement a HHW program.

#### **Jackson County- \$3,000**

Grant funds were used to purchase storage cabinets to implement a HHW program.

*Kansas HHW facilities are permitted as solid waste processing facilities.*

*Legislation enacted in SFY 1995 allows SQG waste to be managed through permitted HHW facilities.*

*Technical guidance documents, brochures, and posters have been developed to meet public education needs.*

## Permitted HHW Programs

HHW facilities in Kansas are permitted as solid waste processing facilities under K.S.A. 65-3407 and K.A.R. 28-29-6 through 12. Although HHW facilities are permitted as solid waste facilities, any collected waste which exhibits one or more hazardous characteristics must be shipped from the facility as hazardous waste or managed using other approved methods. The HHW facility chemical storage area and waste handling procedures are required to be designed so that waste will not be released into the environment in the event of an accidental spill or container leak. Safety precautions are required to protect against all hazards, even unlikely ones. Some of the additional requirements for HHW facilities include: explosion proof ventilation, heating, and lighting systems where applicable; material segregation, handling, and disposal plans; certified personnel training; and facilities that meet state and/or local fire codes.

Legislation enacted in SFY 1995 allows SQG waste to be managed through permitted HHW facilities. However, before accepting any SQG waste, the HHW facility must first submit a permit amendment to reflect the change in operations.

## Technical Assistance and Public Education

In the early years of the HHW Program, various informal training sessions and networking meetings were held to allow the few program managers and staff an opportunity to share their experiences and learn from each other's endeavors. KDHE staff assisted and coordinated many of these meetings. As the number of programs grew, there was a need for an ongoing training and information program. Therefore, KDHE staff developed several brochures defining HHW, waste pesticides, and other difficult to dispose of products. These brochures also described ways to reduce such wastes along with ideas for safe waste management practices. Additional documents such as permit guidance documents, and other technical guidance documents (e.g., HHW Storage Cabinets) have also been produced by KDHE staff in response to program manager needs.

With the success and growth of the statewide HHW program, local governments looked to KDHE to establish more formal reporting procedures to adequately compare programs as well as more structured and specific workshops and training sessions for staff and volunteers. A new standard for tracking and reporting was developed in 1994. The primary goal was to establish a system which would use the same principles and "language" resulting in data that would be comparable for cost analysis, etc. For the annual report, the Kansas standardized reporting form, which has been used as a national model, was updated to incorporate U.S. Department of Transportation hazardous waste codes.

The first formal HHW program managers workshop was held in April of 1995 in Salina. That meeting was a success and the event is now an annual training day with meetings scheduled in March of each year. In

*Over 1000 people have been trained in the safe handling of HHW through KDHE programs.*

*New HHW regulations have been developed through a statewide cooperative effort.*

*The “Kansas Don’t Spoil It” message is a part of HHW education efforts statewide.*

*The Clean Sweep Program allows Kansas farmers and ranchers to dispose of waste pesticides without charge.*

addition to the annual workshop, KDHE has worked with Dr. Steve Galitzer of Kansas State University to develop a 24 hour HHW specific hazardous material handling training course. In FY 1999, KDHE entered into a contract with Dr. Galitzer to provide 24 hour and eight hour refresher training for county HHW workers annually at various locations across the state. To date, over 1,000 people have received the training at no cost to the counties. KDHE will continue to offer the training in SFY 2004 as funding is available.

As the Kansas HHW program continued to grow and expand, there was a need to develop a uniform set of regulations under which facilities can operate smoothly and efficiently. A state wide task force consisting of over 20 HHW program managers, KDHE personnel, hazardous waste contractors, and other interested parties was formed. The goal of the task force was to draft a set of rules and regulations governing HHW facility operations. The committee was organized in the spring of 1998, with the first meeting being held in May 1998. Information gained at the meeting was used by KDHE staff to prepare a first draft of the HHW regulations. The committee then met again to review and discuss the proposed regulations. The new HHW regulations became effective in early summer 2000. *A copy of the regulations can be found in Appendix G.*

### ***Kansas Don’t Spoil it!***

Public education that encourages and promotes maximum public participation is one of the major components of an effective solid waste management system. The KDHE Bureau of Waste Management began implementing a program in 1996 aimed at encouraging participation in waste reduction, recycling, and reuse programs. The theme of the program was “Kansas Don’t Spoil It”. In addition to public participation, the program was designed to establish partnerships between the state and local government units and private businesses. The distribution of educational messages developed by KDHE was accomplished with the assistance of local officials and business owners. A recently added feature of the program is that both private businesses and local governments may request specially designed items to target certain audiences while still maintaining an overall state theme. For example, local governments will be able to select Household Hazardous Waste posters that display the “Kansas Don’t Spoil It” message and customize it with their local HHW facility address, phone number and hours of operation.

### ***Agricultural Waste Pesticide Collection Program***

The Clean Sweep Program is a waste pesticide collection program funded entirely by KDHE with technical assistance supplied by the Kansas Department of Agriculture (KDA). No matching funds are required from counties or participants. The goal of the program is to remove unwanted pesticides from Kansas farms and ranches without charge to the owners.

*In SFY 2003,  
approximately 48,779  
pounds of waste  
pesticides were  
collected through  
Kansas Clean Sweep.*

*The Kansas School lab  
clean-out program was  
launched in the spring  
of 2002.*

Any pesticide, herbicide, fungicide, or rodenticide is accepted by the program. Pesticide dealers, manufacturers and distributors who do not have a generator status are eligible to participate on a fee basis. Typically, three single day collections are held over a week period targeting geographic areas around the state. In order to provide adequate personnel and equipment at each collection site, all participants are asked to pre-register.

Clean Harbors Environmental Services has been selected as contractor for the project through the State competitive bidding process. Clean Harbors supplies all on-site labor, equipment, and supplies necessary to run the event. KDHE, with assistance from KDA, handles all advertising, site selection, project coordination, and public education.

In FY 2003, approximately 48,8779 pounds of pesticides were collected at 10 collection sites. Disposal cost for the program was \$46,874. More than 260,000 pounds of pesticides have been collected through the program since it began in the spring of 2000. Due to funding, this program will not be available in FY 2004.

### ***School Lab Cleanup Program***

Many Kansas school laboratories store chemicals which may be hazardous to teachers and students. Chemicals which remain unused for decades are often inherited by teachers who are unfamiliar with the materials. Labels often fade or peel off, leaving school staff with no way of knowing what substance might be in a container. Schools may not have the funding to properly dispose of the chemicals so they are kept in storage. Even under the best storage conditions, accidents and spills can happen, potentially exposing teachers and students to hazardous substances. In order to deal with these problems, the Department launched a “one-time” collection program aimed at removing unwanted hazardous chemicals from school laboratories.

For the pilot program, lab cleanup registration materials were sent to 15 school districts in Southeast Kansas in the spring of 2002. To participate in program, the superintendent of the school district submitted a signed agreement form to KDHE. Once registered, all of the secondary schools in that district were eligible for the program. Using a publication from the Bureau of Waste Management entitled Waste Chemical Disposal Guidance for Schools as reference, each school was asked to complete an inventory form of the chemicals to be disposed. The completed forms were sent to KDHE for review and approval. Arrangements were made with each school district on how to dispose of non-hazardous chemicals which may have been included on the inventory. Once the inventory forms were received from all of the secondary schools in the district, the forms were forwarded to the state hazardous waste disposal contractor, Clean Harbors Environmental Services, Inc. Clean Harbors contacted each school and scheduled a collection time and date. The contractor traveled directly to each school and removed the chemicals from the premises. All handling and disposal costs were paid by KDHE with no charges to the participating school.

Since the pilot project, KDHE has conducted the Lab Cleanup

*Over 6,100 pounds of waste school lab chemicals (over 4800 containers) were collected in the School Sweep Program.*

*The department will continue grant funding to support the HHW, AWP and SQG programs as long as funding is available.*

Program in the North central and Northwest regions of Kansas. Through these collections, over 6,100 pounds of hazardous school lab chemical (over 4,800 containers) have been safely disposed of from 104 schools. This program is scheduled to continue in the Northeast and Southwest regions in FY 2004, subject to financing.

## CONCLUSION

The hard work of hundreds of people across the state and the commitment by local governments has resulted in a successful Kansas HHW Program. As long as funding is available, the department plans to continue HHW, AWP and SQG grant programs. A goal of the program is to expand the current network to provide every Kansas citizen with a safe HHW disposal option. To accomplish this goal, new local programs will need to be established and/or existing programs will need to expand their service areas. The development of more widespread SQG programs would be beneficial but the availability of state funding to support these activities is limited. Planned KDHE efforts to improve the HHW program include:

1. The continued organization of meetings, training seminars and workshops;
2. The creation and/or revision of flyers, brochures and technical guidance documents;
3. The continued expansion of the agricultural waste pesticide collection program as direct contracted collection events across the state;
4. The continued expansion of the storage cabinet and mobile collection programs;
5. Expansion of the “one-time” school laboratory chemical collection program targeting secondary schools across the state; and,
6. The continued public awareness and education initiatives at state, regional, and local levels.

## Appendix A



# Appendix A

## ***KANSAS HOUSEHOLD HAZARDOUS WASTE PROGRAM CONTACT LIST***

<b>Anderson County</b>	Vernon Yoder	100 E. 4th Garnett 66032	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 448-2327 (785) 448-5621 vernonyoder@hotmail.com
<b>Barber County</b>	Jerry McNamar	12890 SE Hwy 281 Kiowa 67070	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 825-4910 (620) 825-4910 bacolepp@cyberlodg.com
<b>Barton County</b>	Mark Witt	1400 Main Street, Room108 Great Bend 67530	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 793-1898 (620) 793-1899
<b>Butler County</b>	Dianne Rollins	205 W. Central El Dorado 67042	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(316) 320-1453 (316) 321-3679 drollins@bucoks.com
<b>Chase County</b>	Steve Griffin	PO Box 204 Cottonwoodfalls 66845	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 273-6585 (620) 273-6617 genoff@kansas.net
<b>Chautauqua County</b>	Linda Kline	215 N. Chautauqua Sedan 67361	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 725-5840 (620) 725-5801
<b>Cheyenne County</b>	John Garner	212 E. Washington, PO Box 237 St. Francis 67756	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 332-8842 (785) 332-8825
<b>Clark County</b>	Jim Baker	RT1Box102 Ashland 67831	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 635-2927 (620) 635-4389 JWBaker@Hotmail.com
<b>Clay County</b>	Gailen Tyrell	1330 21st Road Clay Center 67432	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 632-2487 (785) 632-2343
<b>Coffey County</b>	Todd Bemis	1430 12 Lane SE Burlington 66839	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 364-8409 (620) 364-3074 tbemis@coffeycounty.ks.org
<b>Comanche County</b>	Ken Durbin	Box 685 Coldwater 67029	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 582-2427 (620) 582-2426
<b>Cowley County</b>	Dale Stewart	311 East 9th Winfield 67156	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 221-5425 (620) 221-5496 engineer@cowleycounty.org
<b>Decatur County</b>	Tim Stallman	120 E. Hall Oberlin 67749	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 475-8111 (785) 475-8150 tstallman@theclassic.net
<b>Dickinson County</b>	Randy Barten	109 E. 1st, Suite 101 Abilene 67410	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 263-4780 (785) 263-0061 dkweed@ikansas.com
<b>Douglas County</b>	Mollie Mangerich	City of Lawrence PO Box 708 Lawrence 66044	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 832-3026 (785) 832-3056 mmangerich@ci.lawrence.ks.us

## ***KANSAS HOUSEHOLD HAZARDOUS WASTE PROGRAM CONTACT LIST***

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<b>Edwards County</b>	Ron Sitts	730 W. 6th Kinsley 67547	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 659-2188 (620) 659-3015 rsitts@midway.net
<b>Ellis County Region</b>	Dale Wing	601 Main, Suite C Hays 67601	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 628-9449 (785) 628-9448 envir@ellisco.net
<b>Ford County</b>	Jeff Stauth	100 Gunsmoke Dodge City 67801	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 227-4525 (620) 227-4523 fchhw@dodgecity.net
<b>Fort Riley</b>	Robert Tilly	Ft. Riley HHW Facility Fort Riley 66442	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 239-8144 (785) 239-0515
<b>Franklin County</b>	Bob Thompson	2038 S. Main Ottawa 66067	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 229-8470 (785) 229-8478
<b>Geary County</b>	George Erichsen	310 East 8th Street Junction City 66441	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 938-4450 (785) 938-4452
<b>Gove County</b>	Missy Katt	Box 156 Gove 67736	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 938-4450 (785) 938-4452 gcrd@ruraltel.net
<b>Graham County</b>	Ken Seegar	PO Box 195 Hill City 67642	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 421-2834 (785) 421-3469 ghweed@ruraltel.net
<b>Gray County</b>	Tom Hogan	P.O. Box 688 Cimarron 67835	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 855-7701 (620) 855-7704 thogan@grayco.org
<b>Greeley County</b>	Brock Sloan	PO Box 577 Tribune 67879	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 376-4278 (620) 376-2447 brockws@hotmail.com
<b>Greenwood County</b>	David Wyckoff	PO Box 411 Eureka 67045	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 583-8182 (620) 583-8124
<b>Harper County</b>	Dean Wharton	201 N. Jennings Anthony 67003	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 896-7150 (620) 896-3455
<b>Harvey County</b>	Roy Patton	Box 687 Newton 67114	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(316) 283-7150 (316) 283-3749
<b>Hodgeman County</b>	Ray Hertel	PO Box 7 Jetmore 67854	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 357-8346 (620) 357-8819 acray@pld.com
<b>Jefferson County</b>	Robert Abel	15049 94th Street Oskaloosa 66956	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 863-2581 (785) 863-2091 jeffcowed@ruralnet1.com

## ***KANSAS HOUSEHOLD HAZARDOUS WASTE PROGRAM CONTACT LIST***

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<b>Jewell County</b>	Jim Vaughan	100 W. Hwy 36 Mankato 66956	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 378-3826 (785) 378-3826 sliverhairdad53@hotmail.com
<b>Johnson County</b>	Betsy Sabel- Livingston	11180 Thompson Ave. Lenexa 66219	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(913) 492-0402 (913) 492-0142 betsy.livingston@jocoks.com
<b>Kansas City</b>	Naser Bhadori	701 N. 7th Street Kansas City 66101	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(913) 573-5414 (913) 573-5435 nbahador@wycokck.org
<b>Kingman County</b>	Greg Conrady	900 Ave. A East Kingman 67068	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 532-5187 (620) 532-2037
<b>Kiowa County</b>	Doyle Landfill	Kiowa County Courthouse Kiowa 67054	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 723-2382 (620) 723-2644 greensb0@ink.org
<b>Labette County</b>	Mark Shelite	PO Box 216 Oswego 67356	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 795-4515 (620) 795-4810 jbweed@oswego.net
<b>Lake Region</b>	Chris Anton-Paus	34805 W. 263rd Paloa 66071	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(913) 294-4260  paus@prodigy.net
<b>Leavenworth City of</b>	Mitch Kinworthy	100 N. 5th Street Leavenworth 66048	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(913) 682-0650 (913) 682-0282 mkinworthy@firstcity.org
<b>Leavenworth County</b>	Ed Sass	23674 187th Street Leavenworth 66048	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(913) 727-2858 (913) 727-9109
<b>Linn County</b>	Ed Fleming	4067 Vernon Rd. Prescott 66767	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(913) 471-4631 (913) 471-4876
<b>Lyon County</b>	Russell Torrens	3000 West South Avenue Emporia 66801	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 340-6366 (620) 340-6369 RussTorrens62@hotmail.com
<b>Marion County</b>	Bill Smithhart	PO Box 185, 141 N. Coble Marion 66861	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 382-3190 (620) 382-3188
<b>Marshall County</b>	Phil Osborne	744 Pony Express Highway Marysville 66508	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 562-3266 (785) 562-5660
<b>McPherson County</b>	Scott Fitch	PO Box 387 McPherson 67460	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 654-3793 (620) 654-3796
<b>Meade County</b>	Marvin Stice	PO Box 604 Meade 67864	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 873-8720 (620) 873-8724 mstice@meadeco.org

## ***KANSAS HOUSEHOLD HAZARDOUS WASTE PROGRAM CONTACT LIST***

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<b>Miami County</b>	Charlene Weiss	Suite 201 S. Pearl Paola 66071	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(913) 294-4117 (913) 294-9545 cweiss@micoks.net
<b>Montgomery County</b>	Fred Long	114 N. Wald Ave, Box 663 Independence 67301	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 331-4139 (620) 330-1177
<b>Morris County</b>	Gary Krause	501 W. Main Council Grove 66846	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 767-5519 (620) 767-6861
<b>Nemaha County</b>	Todd Swart	Rt. 4 Box 40A Sabetha 66534	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 336-3671 (785) 336-0002 nmcoweed@nvcs.com
<b>Ness County</b>	Dennis Langer	Rt. 1 Box 116 Ness City 67560	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 798-3350 (785) 798-4850
<b>NorthWest Kansas Small Landfill Authority</b>	Charles Peckham	PO Box46, 308 Main Atwood  67730	<b>Phone:</b> <b>Fax</b>  <b>Email:</b>	(785) 626-3295 (785) 626-9448  atwood01@ruraltel.net
<b>Norton County</b>	Mitch Jones	RR 1 Box 165 Norton 67654	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 877-5790 (785) 877-5741
<b>Olathe city of</b>	Carly Adams	PO Box 768 Olathe 66051	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(913) 393-6057 (913) 397-5202 cadams@olatheks.org
<b>Osage County</b>	Dale Cole	717 Topeka Ave, PO Box 281 Lyndon 66451	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 828-3323 (785) 828-4749
<b>Osborne County</b>	Darrel Roadhouse	435 East Main Osborne 67473	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 346-2153 (785) 346-2154
<b>Pawnee County</b>	Rod Wheaton	723 NE Trail Road Larned 67550	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 285-2016 (620) 285-3802 bobcat@ksable.com
<b>Phillips County</b>	Nancy Carver	301 State St. Phillipsburg 67661	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 543-6880 (785) 543-6852 robert@phillipsburg.net
<b>Pottawatomie County</b>	Rodney Biesenthal	405 East Campbell Westmoreland 66549	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 457-2888 (785) 457-2849 pottnxwd@kansas.net
<b>Pratt County</b>	John Scarbrough	1102 S. Main Pratt 67124	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 672-4107 (620) 672-4121 john@prattcounty.org

## ***KANSAS HOUSEHOLD HAZARDOUS WASTE PROGRAM CONTACT LIST***

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<b>Rawlins County</b>	Jerry Holste	607 Main Atwood 67730	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 626-9457 (620) 626-9019 jbholste@ruraltel.net
<b>Reno County</b>	Margaret England	206 W. 1st Hutchinson 67501	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 694-2976 (620) 694-2565 margaret@publicworks.reno.ks.u
<b>Rice County</b>	Levi Beaver	460 N. Logan Lyons 67554	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 257-5331 (620) 257-3922 jevi@rewd.coxmail.com
<b>Riley County</b>	Dennis Peterson	6245 Tuttle Creek Blvd. Manhattan 66503	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 539-3202 (785) 565-6288 dpeterson@co.riley.ks.us
<b>Rooks County</b>	Travis Frey	303 S. Walnut Stockton 67669	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 425-6521 (785) 425-7070 roclfill@ruraltel.net
<b>Rush County</b>	Jim Fisher	PO Box 160 LaCrosse 67548	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 222-3537 (785) 222-3559 rcwdjrf@gbta.net
<b>Russell County</b>	Larry Purdy	PO Box 101 Russell 67665	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 483-4661 (785) 483-3153 rsweed@media-net.net
<b>Saline County</b>	Sandee Stainbrook	PO Box 736 Salina 67402	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 826-6638 (785) 826-7373 sandee.stainbrook@salina.org
<b>Sedgwick County</b>	Dave Cross	801 Stillwell Wichita 67213	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(316) 660-7464 (316) 383-4576 kanglin@sedgwick.gov
<b>Seward County</b>	Mike Tabor	RR 2 Box 440 Liberal 67901	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 626-3266 (620) 626-4032 landfill@swko.net
<b>Shawnee County</b>	Kim Nettleton	1515 NW Saline, Suite 150 Topeka 66618	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 233-6147 (785) 291-4918
<b>Sheridan County</b>	Steve Carter	RR #2 Box 139A Hoxie 67740	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 675-3621 (785) 675-2373 scrb@ruraltel.net
<b>Sherman County</b>	Ken Griffith	1004 W 8th Goodland 67735	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 899-4865 (785) 899-4844
<b>Smith County</b>	Dale Gager	218 S Grant Smith Center 66967	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 282-5150 (785) 282-6257 biglg@ruraltel.net
<b>South Central Solid Waste Authority</b>	Don Attebury	PO Box 1036 Arkansas City  67005	<b>Phone:</b> <b>Fax</b>  <b>Email:</b>	(620) 441-0505 (620) 441-0401

## ***KANSAS HOUSEHOLD HAZARDOUS WASTE PROGRAM CONTACT LIST***

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<b>Stafford County</b>	Phillip Nusser	209 N Broadway St. John 67576	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 549-3597 (620) 549-3696 coshop@stjohnks.net
<b>Sumner County</b>	Nita Simonton	1233 South C Street Wellington 67152	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 326-2253 (620) 326-7844 nsimoton@co.sumner.ks.us
<b>Sunflower RC &amp;D</b>	Roger Masenthin	705 East Main Harper 67058	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 896-7378 (620) 896-7673 rcandd1@ink.org
<b>Thomas County</b>	Sandy Swob	300 N Court Colby 67701	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 743-6441 (785) 743-6665 drp80@yahoo.com
<b>Trego County</b>	Joe Richards	120 S Main Wakeeney 67672	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 743-6792 (785) 743-5666
<b>Wabunsee County</b>	Tonya Flippin	219 Iowa St. Alma 66401	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 765-3454 (785) 765-2619 tonyaf65@yahoo.com
<b>Wallace County</b>	Dan Cutright	PO Box 654 Sharon Springs 67758	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 852-4232 (785) 852-4687
<b>Washington County</b>	Sandy Barnett	812 B Street Washington 66968	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(785) 325-2271 (785) 235-2775 hazard@washingtonks.net
<b>Wilson County</b>	Mark Demas	303 S 3rd Fredonia 66736	<b>Phone:</b> <b>Fax</b> <b>Email:</b>	(620) 378-2906 (620) 378-3841 wlcowd@twinmounds.com

# Appendix B

## Kansas HHW Program Permitted HHW Facilities and Counties Served

Organization	Permit Issue Date	County or Area Served
<b>Regional Facilities:</b>		
Big Lakes Region <i>Four facilities located in Riley, Marshall, Clay, and Washington counties.</i>	11-90 RL 3-94 MS 5-95 CY 10-00 WA	Clay, Dickinson, Geary, Marshall, Morris, Nemaha, Riley, Wabaunsee, Washington, & Pottawatomie
Ellis County Region <i>One facility located in Ellis County.</i>	4-91 EL	Decatur, Ellis, Gove, Graham, Phillips, Rooks, Russell, Rush, Sheridan, & Trego
Ford County Region <i>One facility located in Ford County.</i>	8-92	Ford, Edwards, Gray, Hodgeman, Meade, & Ness
Jewell County <i>One facility in Jewell County</i>	5-96	Jewell & Smith (Republic County is in the planning stage)
Lake Region <i>Three facilities located in Franklin, Miami, and Coffey counties.</i>	11-91 FR 11-91 MI 7-98 CF	Franklin, Miami, Anderson, Coffey, Linn, & Osage
Montgomery County <i>One facility in Montgomery County</i>	11-95	Montgomery, Labette. Contracts with Elk County
Northwest Kansas Small Landfill Authority <i>One facility located in Rawlins County.</i>	1-00	Rawlins, Cheyenne, Wallace, & Greeley
Reno County Region <i>One facility located in Reno County.</i>	11-91	Reno, Rice, Stafford
Saline County Region <i>One facility located in Saline County.</i>	12-93	Saline, Ellsworth, Lincoln, & Ottawa
South Central Solid Waste Authority <i>Two facilities located in Sumner and Cowley counties.</i>	6-00 SU 8-00 CW	Sumner, Chautauqua, & Cowley
Sunflower RC&D Region <i>Three facilities located in Pratt, Sumner and Cowley counties.</i>	6-00 PT 6-00 SU 8-00 CW	Barber, Clark, Comanche, Cowley, Harper, Kingman, Kiowa, Pratt, Sumner
<b>Individual Programs:</b>		
Barton County	9-91	Barton, also contracts with Pawnee & City of Wilson
Butler County	2-98	Butler
Fort Riley	9-94	Fort Riley - Military Base personnel only
Greenwood	12-00	Greenwood
Harvey County	1-92	Harvey County, permit amended 2/00 to accept SQG wastes
Jefferson County	4-96	Jefferson County
Johnson County	9-93	Johnson County, permit amended 4/96 to accept SQG wastes
Kansas City Kansas	9-94	Wyandotte County
City of Lawrence/Douglas County	1-94	Douglas County, permit amended 8/00 to accept SQG wastes
Leavenworth County	3-92	Leavenworth
Lyon County	6-96	Lyon County, also serves Chase County
Marion County	12-97	Marion County
McPherson County	3-93	McPherson County
Norton County	5-96	Norton County

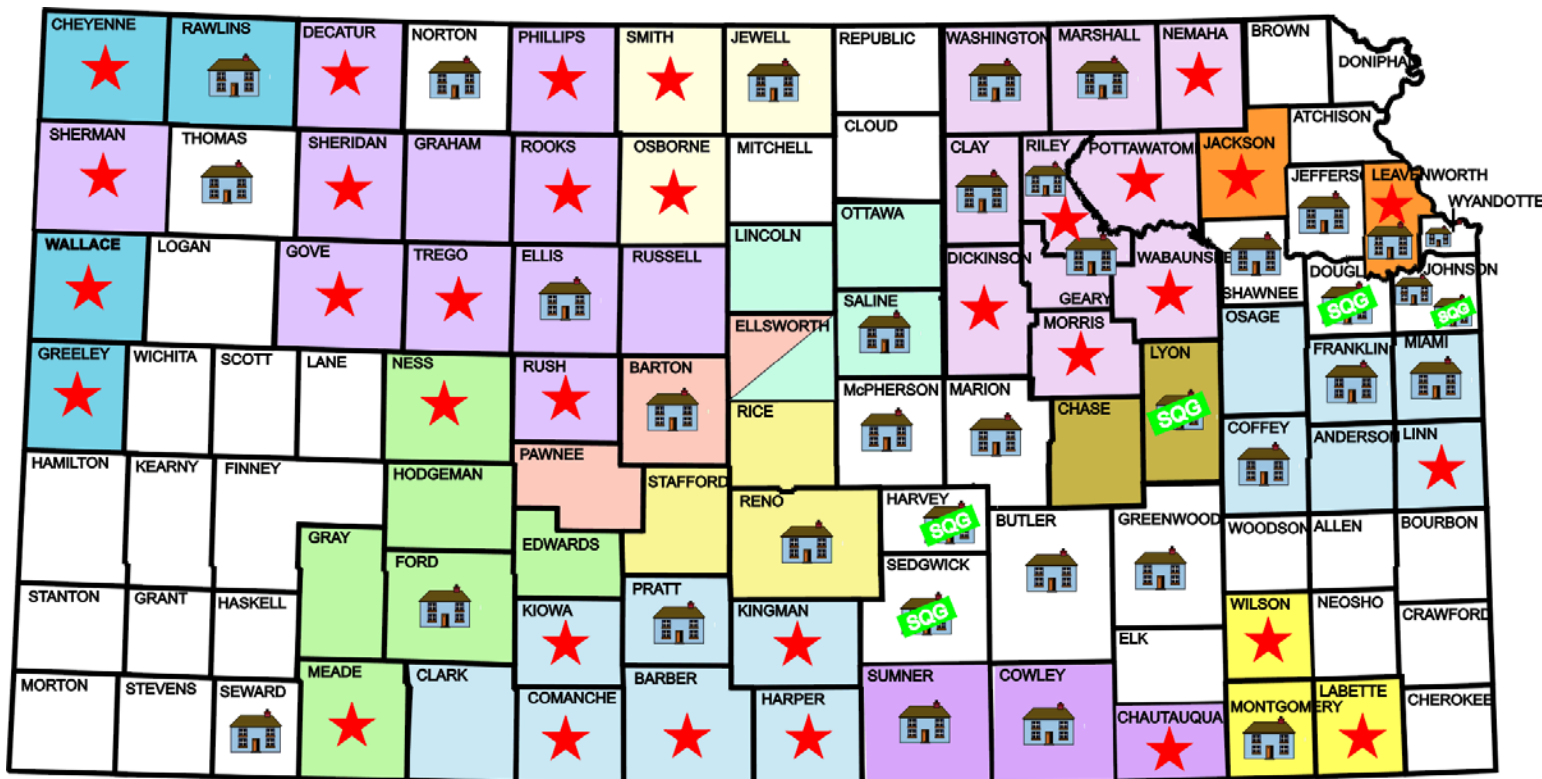
***Kansas HHW Program Permitted HHW Facilities and Counties Served (continued)***

<b>Organization</b>	<b>Permit Date</b>	<b>County or Area Served</b>
City of Olathe	12-90	City of Olathe only
Seward County	3-96	Seward County
Shawnee County	2-93	Shawnee County
Thomas County	9-94	Thomas County
Wichita/Sedgwick County	7-91	Sedgwick, permit amended 12/97 to accept SQG waste



## Appendix C

### Kansas HHW Facilities



Permanent Facilities (31)



Permanent Facilities with SQG (5)



Satellite Facilities (32)

Shaded Counties are part of a Region



## Appendix D

### Summary of SFY 2003 Grantees

SFY 2003 Grantees	Grant Award	Project Description
<b><i>Household Hazardous Waste Program (HHW):</i></b>		
Ellis County	\$11,960	Expand the regional program to add Sherman County. The grant request is for Sherman County's buy-in to the program, storage cabinets, first year disposal costs, and a forklift for Ellis County's Regional facility.
Lyon County	\$147,000	Construct new HHW facility. The grant request is for construction of the building, supplies, and capital equipment.
Dickinson County	\$21,000	Construct building for HHW program and purchase a used oil tank.
Osborne County	\$8,395	Purchase storage cabinets and drums to implement a HHW program.
City of Olathe	\$125,000	Construct new HHW storage facility and move current building and oil storage.
Wilson County	\$11,575	Purchase storage cabinets and hold mobile collections to implement a HHW program.
Jackson County	\$3,000	Purchase storage cabinets to implement a HHW program.
<b>SFY 2003 Total Grant Amount Awarded</b>	<b>\$327,930</b>	



### Summary of SFY 2002 Grantees

SFY 2002 Grantees	Grant Award	Project Description
<i>Household Hazardous Waste Program (HHW):</i>		
Decatur County	\$12,322.60	Develop a used oil receiving station and purchase a used oil burner for the HHW facility. Funds will also be used for building improvements.
Johnson County	\$15,312	Grant funds will be used to purchase a fork lift for the facility.
Lake Region Solid Waste Authority	\$5,312	Grant funds will be used to enhance the Linn County HHW program. The County plans to construct a permanent HHW facility in the near future.
Sedgwick County	\$100,000	Grant funds will be used to construct a new HHW facility in Wichita. The county was also awarded \$100,000 in FY 01 for this project.
Sunflower RC & D	\$8,274.98	These grant funds, in addition to the FY 01 grant funds, will be used to upgrade satellite facilities in Barber and Kiowa counties to permitted facilities.
<b>SFY 2002 Total Grant Amount Awarded</b>	<b>\$141,222</b>	



## Summary of SFY 2001 Grantees

SFY 2001 Grantees	Grant Award	Project Description
<i>Household Hazardous Waste Program (HHW):</i>		
Greenwood County	\$60,493	Implementation of new HHW program
Lake Region RC & D	\$45,384	Improve existing program/facility
Montgomery County	\$23,345	Improve existing program/facility
Riley County	\$18,433	Improve existing program/facility
Sunflower RC & D	\$61,584	Improve existing program/facility
Sedgwick County	\$100,000	Construction of new HHW facility
Smith County	\$11,700	Implementation of new HHW program
<b>SFY 2001 Total Grant Amount Awarded</b>	<b>\$320,939</b>	





## Summary of SFY 2000 Grantees

SFY 2000 Grantees	Grant Award	Project Description
<b><i>Household Hazardous Waste Program (HHW):</i></b>		
Decatur County	\$20,000	Improve existing program/facility
Elk County	\$6,000	Conduct temporary HHW collection events
Ellis County	\$19,554	Expand region into Gove, Sheridan, and Decatur counties
Johnson County	\$83,440	Improve existing program/facility
Labette County	\$25,714	Conduct temporary HHW collection events
Lawrence/Douglas County	\$29,971	Improve existing program/facility
Leavenworth County	\$2,118	Improve existing program/facility
Marion County	\$1,800	Improve existing program/facility
Nemaha County	\$20,000	Improve existing program/facility
Northwest Kansas Small Landfill Authority	\$64,488	Establish regional program with Rawlins, Cheyenne, Wallace, and Greeley counties
Washington County	\$3,100	Improve existing program/facility
<i>HHW Totals</i>		\$276,185.00
<b><i>Small Quantity Generator Program (SQG):</i></b>		
Lawrence/Douglas County	\$19,700.00	
<b>SFY 2000 Total Grant Amount Awarded</b>	<b>\$295,885</b>	



### Summary of SFY 1999 Grantees

SFY 1999 Grantees	Grant Award	Project Description
<b><i>Agricultural Waste Pesticide Program (AWP):</i></b>		
Big Lakes Region (10 counties)	\$20,000	AWP collection
Douglas County	\$11,250	AWP collection
Lake Region (six counties)	\$20,200	AWP collection
Lyon County (two counties)	\$14,433	AWP collection
Thomas County	\$20,000	AWP collection
<b><i>AWP Totals</i></b>	<b><i>\$85,883</i></b>	
<b><i>Household Hazardous Waste Program (HHW):</i></b>		
Lawrence/Douglas County	\$9,785	Improve existing program/facility
Ellis County Region (six counties)	\$4,850	Program expansion into Graham county
Ford County	\$2,464	Improve existing program/facility
Jackson County	\$1,845	Hold one HHW collection event
Johnson County	\$43,800	Improve existing program/facility
Lake Region (six counties)	\$31,650	Improve existing program/facility
Marion County	\$6,000	Improve existing program/facility
Montgomery County	\$10,000	Improve existing program/facility
Pottawatomie	\$2,423.95	Purchase storage cabinets
Rawlins County	\$14,599.26	Improve existing program/facility
South Central Solid Waste (three counties)	\$64,385	Establish new regional program
Sunflower RC & D (seven counties)	\$106,925	Establish new regional program
Trego County	\$16,003	Improve existing program/facility
Washington	\$32,500	Improve used oil facility
Winfield (City of)	\$5,200	Education for new HHW facility
Wyandotte County	\$27,000	Improve existing program/facility
<b><i>HHW Totals</i></b>	<b><i>\$379,430.37</i></b>	
<b>SFY 1999 Total Grant Amount Awarded</b>	<b>\$465,313.37</b>	



## Summary of SFY 1998 Grantees

SFY 1998 Grantees	Grant Award	Project Description
<b><i>Agricultural Waste Pesticide Program (AWP):</i></b>		
Crawford County	\$12,750.00	AWP collection
Lyon County	\$13,088.25	AWP collection
Republic County	\$11,566.34	AWP collection
South Central Solid Waste (3 counties)	\$9,375.00	AWP collection
<i>AWP Totals</i>	<i>\$46,779.59</i>	
<b><i>Household Hazardous Waste Program (HHW):</i></b>		
Big Lakes Region (10 counties)	\$98,720.00	Improve existing program/facility (construction of new building)
Butler County	\$37,400.00	Establish new program/facility
Douglas County - City of Lawrence	\$19,831.31	Improve existing program/facility
Ellis County Region	\$24,900.00	Improve existing program/facility
Jefferson County	\$6,952.28	Improve existing program/facility
Jewell County	\$11,383.08	Training/supplies to start new facility
Johnson County	\$21,620.00	Improve existing program/facility
Rawlins County	\$24,816.00	Establish new program/facility
Rooks County	\$2,701.74	Improve existing program/facility
Sheridan County	\$6,116.00	Hold one HHW collection event
South Central Solid Waste (3 counties)	\$42,000.00	Hold several HHW collection events
Sunflower RC & D	\$15,427.00	Establish new regional program
Wichita/Sedgwick Co.	\$17,700.00	Improve existing program/facility
Winfield (City of)	\$1,200.00	Education for HHW collections
<i>HHW Totals</i>	<i>\$330,767.41</i>	
<b><i>Small Quantity Generator Program (SQG):</i></b>		
Harvey County	\$44,000.00	Develop & implement an SQG program
Wichita/Sedgwick County	\$30,000.00	Conduct an SQG assessment
<i>SQG Totals</i>	<i>\$74,000.00</i>	
<b>SFY 1998 Total Grant Amount Awarded</b>	<b>\$451,547.00</b>	



### Summary of SFY 1997 Grantees

SFY 1997 Grantees	Grant Award	Project Description
<i>Agricultural Waste Pesticide Program (AWP):</i>		
Big Lakes Region (10 counties)	\$60,000.00	Several AWP collections
Butler County	\$25,000.00	One AWP collection
Ellis County Region (6 counties)	\$17,493.75	Several AWP collection
Lake Region (6 counties)	\$35,344.00	Several AWP collection
<i>AWP Totals</i>		<i>\$137,837.75</i>
Barton County	\$24,123.00	Expand program to include 2 additional counties, Pawnee and Ellsworth
Douglas County - City of Lawrence	\$17,913.94	Improve existing program/facility
Lake Region (6 counties)	\$56,256.48	Improve existing program/facility (new building construction in Coffee County)
Leavenworth County	\$19,770.00	Improve existing program/facility
Marion County	\$33,342.00	Establish a permanent program/facility
Shawnee County	\$101,348.56	Improve existing program/facility (new building construction)
<i>HHW Totals</i>		<i>\$252,753.98</i>
<b>SFY 1997 Total Grant Amount Awarded</b>	<b>\$390,591.73</b>	





### Summary of SFY 1996 Grantees

SFY 1996 Grantees	Grant Award	Project Description
<b><i>Agricultural Waste Pesticide Program (AWP):</i></b>		
Big Lakes Region (10 counties)	\$45,000.00	Several AWP collections
Butler County	\$25,000.00	One AWP collection
Shawnee County	\$17,627.76	One AWP collection
<i>AWP Totals</i>	<i>\$87,627.76</i>	
<b><i>Household Hazardous Waste Program (HHW):</i></b>		
Big Lakes Region (10 counties)	\$92,554.00	Expand region to include 4 additional counties
Douglas County - City of Lawrence	\$18,367.43	Improve existing program/facility
Ford County Region (6 counties)	\$8,953.00	Improve existing program/facility
Jefferson County	\$13,360.49	Establish a permanent program/facility
Jewell County	\$18,781.80	Establish a permanent program/facility
Leavenworth County	\$5,796.00	Improve existing program/facility
Montgomery County	\$1,743.28	Improve existing program/facility
Saline County - City of Salina	\$9,674.72	Improve existing program/facility
<i>HHW Totals</i>	<i>\$169,230.72</i>	
<b><i>Small Quantity Generator Program (SQG):</i></b>		
Douglas & Jefferson County Region	\$11,100	Conduct an SQG assessment
Johnson County	\$50,000	Develop & implement an SQG program
<i>SQG Totals</i>	<i>\$61,100</i>	
<b>SFY 1996 Total Grant Amount Awarded</b>	<b>\$317,958.48</b>	



### Summary of SFY 1990-1995 Grantees

State Fiscal Year (SFY)	Grant Award	Total Project Cost	Project Description
<b>SFY 1990:</b>			
Barton County	\$19,375	\$40,469	Establish a permanent program/facility
Ellis County	\$13,100	\$26,116	Establish a permanent program/facility
Phillips County	\$5,000	\$10,500	Temporary collection event
City of Olathe	\$25,000	\$65,677	Establish a permanent program/facility
Reno County	\$30,000	\$68,380	Establish a permanent program/facility
Riley County	\$30,000	\$74,200	Establish a permanent program/facility
Rooks County	\$5,000	\$11,483	Temporary collection event
Sedgwick County	\$20,000	\$97,275	Establish a permanent program/facility
<b><i>SFY 1990 Totals</i></b>	<b><i>\$147,475</i></b>	<b><i>\$394,100</i></b>	
<b>SFY 1991:</b>			
Franklin County	\$12,200	\$30,939	Establish a permanent program/facility
Harvey County	\$13,000	\$29,270	Establish a permanent program/facility
Miami County	\$13,744	\$34,927	Establish a permanent program/facility
Overland Park/Leawood	\$55,056	\$148,600	Temporary collection event
Shawnee County	\$56,000	\$154,940	Establish a permanent program/facility
<b><i>SFY 1991 Totals</i></b>	<b><i>\$150,000</i></b>	<b><i>\$398,676</i></b>	
<b>SFY 1992:</b>			
Big Lakes Region (Riley, Marshall, Morris & Pottawatomie)	\$35,837	\$73,981	Expand Riley County facility into a regional collection facility
Douglas County	\$33,800	\$76,300	Establish a permanent program/facility
Ford County	\$23,895	\$58,942	Establish a permanent program/facility
Leavenworth County	\$22,900	\$50,700	Establish a permanent program/facility
McPherson County	\$18,800	\$38,213	Establish a permanent program/facility
Sedgwick County	\$11,968	\$33,968	Improve existing program/facility
<b><i>SFY 1992 Totals</i></b>	<b><i>\$147,200</i></b>	<b><i>\$332,104</i></b>	
<b>SFY 1993:</b>			
Glacial Hills Region (Leavenworth, Brown & Jackson)	\$8,025	\$16,050	Expand Leavenworth County facility into a regional collection facility
Johnson County	\$63,895	\$225,895	Establish a permanent program/facility
Saline County	\$23,500	\$48,000	Establish a permanent program/facility
Thomas County	\$14,580	\$30,460	Establish a permanent program/facility
Wyandotte County	\$40,000	\$149,000	Establish a permanent program/facility
<b><i>SFY 1993 Totals</i></b>	<b><i>\$150,000</i></b>	<b><i>\$469,405</i></b>	

<b>State Fiscal Year (SFY)</b>	<b>Grant Award</b>	<b>Total Project Cost</b>	<b>Project Description</b>
<b>SFY 1994:</b>			
Big Lakes Region ( <i>Riley, Marshall, Morris &amp; Pottawatomie, plus Washington</i> )	\$10,600	\$25,843	Expand regional program to include Washington County
Clay County	\$9,750	\$20,000	Establish a permanent program/facility
Ellis County Region ( <i>Ellis, Phillips, Rooks, Rush, Russell and Trego</i> )	\$26,750	\$66,257	Expand into a regional collection facility
Meade County	\$10,000	\$33,358	Temporary collection event
Lake Region ( <i>Franklin, Miami, Anderson, Coffey, Linn and Osage</i> )	\$35,377	\$77,754	Expand Franklin & Miami Counties into regional collection facilities
Lyon County	\$17,592	\$1,155	Establish a permanent program/facility
Reno County Region ( <i>Reno, Kingman, Rice, and Stafford</i> )	\$17,776	\$38,950	Expand into a regional collection facility
Seward County	\$22,155	\$24,367	Establish a permanent program/facility
<b><i>SFY 1994 Totals</i></b>	<b><i>\$150,000</i></b>	<b><i>\$287,684</i></b>	
<b>SFY 1995:</b>			
Big Lakes Region ( <i>added Clay County</i> )	\$13,064	\$43,877	Improve existing program/facility
Douglas County	\$15,441	\$24,600	Improve existing program/facility
Ellis County Region	\$6,600	\$8,595	Improve existing program/facility
Ford County Region	\$15,577	\$37,841	Improve existing program/facility
Graham County	\$4,800	\$14,251	
Harvey County	\$4,705	\$16,423	Improve existing program/facility
Lake Region	\$10,866	\$22,103	Improve existing program/facility
Leavenworth County	\$2,685	\$5,754	Improve existing program/facility
Lyon County	\$26,663	\$42,000	
Reno County Region	\$6,913	\$14,519	Improve existing program/facility
Saline County	\$7,341	\$14,602	Improve existing program/facility
Sedgwick County	\$5,500	\$12,653	Improve existing program/facility
Shawnee County	\$8,190	\$16,382	Improve existing program/facility
Thomas County	\$1,765	\$2,720	Improve existing program/facility
Wyandotte County	\$25,240	\$53,591	Improve existing program/facility
<b><i>SFY 1995 Totals</i></b>	<b><i>\$154,464</i></b>	<b><i>\$315,309</i></b>	

## **Appendix E**

Annual Report Summary of each Kansas HHW Program



# Kansas Household Hazardous Waste Program - Annual Report Form

for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

Name of Facility: Barton County HHW Facility

County(ies) Served: Barton, Ellsworth, Pawnee

Facility Address: 350 NE 30th Road Great Bend, KS

Facility Contact: Mark Witt

phone #: (620) 793-1898

fax#: (620) 793-1899

e-mail: solidwaste@bartoncounty.org

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	Barton County	12 pounds per gallon	450	3,554									3,040	7,044
2. NR (Bulk Used Oil )	Victory Oil Co.	8 pounds per gallon								14,880				14,880
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Clean Harbors		156	6					226					388
4. Class 3 (Bulk Oil Based Paint )	Clean Harbors	12 pounds per gallon		44										44
5. Class 3 (Bulk Fuels/ Fuel Blends)	Clean Harbors	8 pounds per gallon	450						5,014					5,464
6. Class 4, Div. 4.1 (Flammable Solids)	Clean Harbors	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.		202					343					545
7. Class 4, Div. 4.2 (Spontaneously Combustible)	Clean Harbors													0
8. Class 4, Div. 4.3 (Dangerous when wet)	Clean Harbors													0
9. Class 5, Div. 5.1 (Oxidizers)	Clean Harbors		1						38					39
10. Class 5, Div. 5.2 (Organic Peroxides)	Clean Harbors		5	66					438					509
11. Class 6, Div. 6.1 (Poisons)	Clean Harbors								20					20
12. Class 6, Div. 6.1 (Dioxin)	Clean Harbors								22					22
13. Class 8 (Corrosives, Acids and Bases)	Clean Harbors		41	115					413					569
14. Class 8 (Batteries - lead Acid)	Acme	Car batteries, at 30 pounds each								8,531				8,531
15. Class 8 (Sorted Batteries - NiCd)	Clean Harbors	For all other batteries report actual weight							63					63
16. Class 8 (Batteries - Dry Cell)	Clean Harbors		31						450					481
17. NR (Antifreeze)	Victory Oil Co.	Please note conversion factor used to estimate amounts left in storage, if applicable.	400							800				1,200
18. NR (Non-Hazardous)	Barton County			621									587	1,208
19. Other: (Mercury)	Clean Harbors				18									18
20. Other: Flam liquid	Clean Harbors		15	197					820					1,032
21. Other: unknowns									311					311
22. Other: PCBs									16					16
<b>Total pounds Managed:</b>			1,549	4,805	18	0	0	0	8,174	24,211	0	0	3,627	42,384

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost:	\$10,348.00	E. Public Education/Advertising:	\$100.00
B. Salaries:	\$5,200.00	F. Physicals	\$0.00
C. Equipment/Supplies:	\$450.00	G. Training	\$200.00
D. Overhead (Admin & Util):	\$300.00	H. Other	\$0.00
TOTAL ANNUAL OPERATIONAL COSTS:		\$16,598.00	

How many hours did volunteers save?

Total Number of Participants for the year (July 1, 2002 - June 30, 2003): 607

Total Cost per Participant: \$27.34

Total Disposal Cost per Participant: 17.05

Average Pound per Participant: 70

Cost to manage per Pound : \$0.39

Average Disposal Cost per Pound: \$1.26

Percent Managed through Waste Exchange

Percent Contracted for Hazardous Waste disposal: 19%

Percent Managed through Other means: 66%

Percent in Storage as of report date: 4%

# Kansas Household Hazardous Waste Program - Annual Report Form

for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

Name of Facility: Big Lakes Regional HHW Facility  
 County(ies) Served: Clay, Dickinson, Geary, Marshall, Morris, Nemaha, Pottawatomie, Riley, Wabaunsee, Washington  
 Facility Address: 6245 Tuttle Creek Blvd., Manhattan, KS 66503

Facility Contact: Dennis Peterson phone#: (785) 539-3202 fax#: (785) 565-6288 e-mail: dpeterson@co.riley.ks.us

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost	Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Wastes not contracted as Hazardous Waste or disposal at a cost	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	Total Pounds COLLECTED
1. NR (Bulk Latex Paints )		12 pounds per gallon	31,942	31,368								4,800			1,350	69,460
2. NR (Bulk Used Oil )	Victory/Cleanwater/RS M&M/Midland/Univers	8 pounds per gallon	54,792	200								24,800	375,072			454,864
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Onyx		669	1,252						3,224		57			160	5,362
4. Class 3 (Bulk Oil Based Paint )	4-H Fairgrounds	12 pounds per gallon	20,137	1,649			61,400								1,500	84,686
5. Class 3 (Bulk Fuels/ Fuel Blends)	Onyx	8 pounds per gallon	480	1,553			2,800									4,833
6. Class 4, Div. 4.1 (Flammable Solids)	Onyx	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.	337	41						9						387
7. Class 4, Div. 4.2 (Spontaneously Combustible)	Onyx									9						9
8. Class 4, Div. 4.3 (Dangerous when wet)	Onyx		7							33						40
9. Class 5, Div. 5.1 (Oxidizers)	Onyx		23	143						365						531
10. Class 5, Div. 5.2 (Organic Peroxides)	Onyx		6													6
11. Class 6, Div. 6.1 (Poisons)	Onyx		4,170	2,078						12,321						18,569
12. Class 6, Div. 6.1 (Dioxin)	Onyx		150	6						762						918
13. Class 8 (Corrosives, Acids and Bases)	Onyx		222	707						3,177						4,106
14. Class 8 (Batteries - lead Acid)	Jim Thomas/Howies Sunshine Recy/Excide	Car batteries, at 30 pounds each	31,230	14,681	1,155							61,829				108,895
15. Class 8 (Sorted Batteries - NiCd)	Onyx	For all other batteries report actual weight	48		1,063											1,111
16. Class 8 (Batteries - Dry Cell/Lithium)	Onyx Langley Recycling		993		1,904							1,583				4,480
17. NR (Antifreeze)	Hi Tech	Please note conversion factor used to estimate amounts left in storage, if applicable.	2,259	1,332								1,000		1,208		5,799
18. NR (Non-Hazardous)			135	628						67						830
19. Other: (Mercury)	Onyx		47		347											394
20. Other:																0
21. Other: Scrap Steel			35,300	80,053											1,000	116,353
22. Other: Class 3 Flam Lab Pack			3,118	422						7,633						11,173
Total pounds Managed:			186,065	136,113		4,469	64,200	0	0	27,600		94,069	375,072	1,208	4,010	892,806

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost: \$43,982.00  
 B. Salaries: \$65,870.00  
 C. Equipment/Supplies: \$20,121.00  
 D. Overhead (Admin & Util): \$26,849.00  
 E. Public Education/Advertising: \$450.00  
 F. Physicals: \$0.00  
 G. Training: \$2,095.00  
 H. Other: \$27,613.00  
 TOTAL ANNUAL OPERATIONAL COSTS: \$186,980.00

Total Cost per Participant: \$45.35

Total Disposal Cost per Participant: 10.67

Average Pound per Participant: 217

Cost to manage per Pound : \$0.21

Average Disposal Cost per Pound: \$0.46

Percent Managed through Waste Exchange 15%

Percent Contracted for Hazardous Waste disposal: 11%

Percent Managed through Other means: 53%

Percent in Storage as of report date: 21%

How many hours did volunteers save?

Total Number of Participants for the year (July 1, 2002 - June 30, 2003): 4123



**Kansas Household Hazardous Waste Program - Annual Report Form**  
**for State Fiscal Year 2002 (July 1, 2002 to June 30, 2003)**

Name of Facility: Butler County Landfill  
 County(ies) Served: Butler  
 Facility Address: 2963 SW 40th, El Dorado, KS 67042  
 phone#: 316-320-1453 fax#: 316-321-3679

Facility Contact: Dianne Rollins

e-mail: drollins@bucoks.com

Waste Category DOT Class (Class description)	Name of Disposal Contracto for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE	Wastes DISTRIBUTED through a REUSE Waste Exchange program	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
			(includes all wastes left in storage at the close of the report period) pounds	pounds	Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )		12 pounds per gallon		757										757
2. NR (Bulk Used Oil )	Clearwater/ Safety-Kleen	8 pounds per gallon									26,880			26,880
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Clean Harbors			30					895					925
4. Class 3 (Bulk Oil Based Paint )		12 pounds per gallon												0
5. Class 3 (Bulk Fuels/ Fuel Blends)	Clean Harbors	8 pounds per gallon		250		19,680								19,930
6. Class 4, Div. 4.1 (Flammable Solids)		When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.												0
7. Class 4, Div. 4.2 (Spontaneously Combustible)														0
8. Class 4, Div. 4.3 (Dangerous when wet)														0
9. Class 5, Div. 5.1 (Oxidizers)	Clean Harbors			9			200							209
10. Class 5, Div. 5.2 (Organic Peroxides)														0
11. Class 6, Div. 6.1 (Poisons)	Clean Harbors			75					1,565					1,640
12. Class 6, Div. 6.1 (Dioxin)														0
13. Class 8 (Corrosives, Acids and Bases)	Clean Harbors			70			250		200					520
14. Class 8 (Batteries - lead Acid)		Car batteries, at 30 pounds each								16,040				16,040
15. Class 8 (Sorted Batteries - NiCd)		For all other batteries report actual weight												0
16. Class 8 (Batteries - Dry Cell)	Clean Harbors							120						120
17. NR (Antifreeze)	Clean Harbors								1,550					1,550
18. NR (Non-Hazardous)														0
19. Other: (Mercury)														0
20. Other: Isocyanates	Clean Harbors	if applicable.							250					250
21. Other: (PCB's)	Clean Harbors								14					14
22. Other:														0
<b>Total pounds Managed:</b>			0	1,191	0	19,680	450	120	4,474	16,040	26,880	0	0	68,835

Additional Program summary results:

**Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):**

A. Disposal Cost: \$12,993.00 E. Public Education/Advertising: \$551.00  
 B. Salaries: \$2,500.00 F. Physicals: \$0.00  
 C. Equipment/Supplies: \$0.00 G. Training: \$42.00  
 D. Overhead (Admin & Util): \$322.00 H. Other: \$0.00  
**TOTAL ANNUAL OPERATIONAL COSTS: \$16,408.00**

Total Cost per Participant: \$35.36  
 Total Disposal Cost per Participant: 28.00  
 Average Pound per Participant: 148  
 Cost to manage per Pound : \$0.24  
 Average Disposal Cost per Pound: \$0.53

Percent Managed through Waste Exchange 2%  
 Percent Contracted for Hazardous Waste disposal: 36%  
 Percent Managed through Other means: 62%  
 Percent in Storage as of report date: 0%

How many hours did volunteers save?

**Total Number of Participants for the year (July 1, 2002 - June 30, 2003): 464**

# Kansas Household Hazardous Waste Program - Annual Report Form

for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

Name of Facility: Cowley County HHW

County(ies) Served: Cowley

Facility Address: 23857 81st Road, Winfield, KS 67156

Facility Contact:

Dale Steward

phone#: 620-221-5425

fax#: 620-221-5496

e-mail: engineer@cowleycounty.org

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )		12 pounds per gallon	0	180										180
2. NR (Bulk Used Oil )	Univar	8 pounds per gallon	1,000								4,560			5,560
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Univar		60	10					130					200
4. Class 3 (Bulk Oil Based Paint )		12 pounds per gallon		60										60
5. Class 3 (Bulk Fuels/ Fuel Blends)	Univar	8 pounds per gallon	320			2,800								3,120
6. Class 4, Div. 4.1 (Flammable Solids)		When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.	15											15
7. Class 4, Div. 4.2 (Spontaneously Combustible)														0
8. Class 4, Div. 4.3 (Dangerous when wet)														0
9. Class 5, Div. 5.1 (Oxidizers)			35											35
10. Class 5, Div. 5.2 (Organic Peroxides)														0
11. Class 6, Div. 6.1 (Poisons)			225	5										230
12. Class 6, Div. 6.1 (Dioxin)														0
13. Class 8 (Corrosives, Acids and Bases)			90											90
14. Class 8 (Batteries - lead Acid)	J & B Scrap	Car batteries, at 30 pounds each	570							4,110				4,680
15. Class 8 (Sorted Batteries - NiCd)	Univar	For all other batteries report actual weight			300									300
16. Class 8 (Batteries - Dry Cell)			25											25
17. NR (Antifreeze)	Cowley County	Please note conversion factor used to estimate amounts left in storage, if applicable.	240	1,112										1,352
18. NR (Non-Hazardous)														0
19. Other: (Mercury)														0
20. Other:														0
21. Other:														0
22. Other:														0
Total pounds Managed:			2,580	1,367	300	2,800	0	0	130	4,110	4,560	0	0	15,847

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost: \$1,305.00

B. Salaries: \$0.00

C. Equipment/Supplies: \$337.00

D. Overhead (Admin & Util):

E. Public Education/Advertising:

F. Physicals:

G. Training:

H. Other: \$100.00

TOTAL ANNUAL OPERATIONAL COSTS:

\$1,742.00

Total Cost per Participant: \$14.76

Total Disposal Cost per Participant: 11.06

Average Pound per Participant: 134

Cost to manage per Pound : \$0.11

Average Disposal Cost per Pound: \$0.40

Percent Managed through Waste Exchange: 9%

Percent Contracted for Hazardous Waste disposal: 20%

Percent Managed through Other means: 55%

Percent in Storage as of report date: 16%

How many hours did volunteers save?

Total Number of Participants for the year (July 1, 2002 - June 30, 2003):

118

**Kansas Household Hazardous Waste Program - Annual Report Form**  
**for State Fiscal Year 2002 (July 1, 2002 to June 30, 2003)**

Ellis County Regional HHW Program

**County(ies) Served:** Decatur, Ellis, Gove, Graham, Phillips, Rooks, Rush, Russell, Sheridan, Trego, Sherman

**Facility Address:** 601 Main, Suite C, Hays, KS 67601

**Facility Contact:** Dale Wing R.S. **phone#:** 785-628-9449 **fax#:** 785-628-9448

**e-mail:** enviro@ellisco.net

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period)  pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program  pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	Clean Harbors	12 pounds per gallon		8,032				1,814					13,788	23,634
2. NR (Bulk Used Oil )	Victory Oil	8 pounds per gallon		271							9,058			9,329
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack	Clean Harbors		3	12		81								96
4. Class 3 (Bulk Oil Based Paint )	Clean Harbors	12 pounds per gallon	925	267		12,205								13,397
5. Class 3 (Bulk Fuels/ Fuel Blends)	Clean Harbors	8 pounds per gallon	70	306		2,776								3,152
6. Class 4, Div. 4.1 (Flammable Solids)	Clean Harbors	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.		12			126							138
7. Class 4, Div. 4.2 (Spontaneously Combustible)	Clean Harbors						3							3
8. Class 4, Div. 4.3 (Dangerous when wet)	Clean Harbors						11							11
9. Class 5, Div. 5.1 (Oxidizers)	Clean Harbors			5			104							109
10. Class 5, Div. 5.2 (Organic Peroxides)	Clean Harbors						32							32
11. Class 6, Div. 6.1 (Poisons)	Clean Harbors			69	442		2,843							3,354
12. Class 6, Div. 6.1 (Dioxin)	Clean Harbors						105							105
13. Class 8 (Corrosives, Acids and Bases)	Clean Harbors		5	91		545							641	
14. Class 8 (Batteries - lead Acid)	Clean Harbors	Car batteries, at 30 pounds each	60							5,183			5,243	
15. Class 8 (Batteries NiCd)	Clean Harbors	For all other batteries report actual weight	9		133								142	
16. Class 8 (Batteries - Dry Cell/Lithium)	Clean Harbors		144		1,662								1,806	
17. NR (Antifreeze)	Victory Oil	Please note conversion factor used to estimate amounts left in storage, if applicable.	16	46						404			466	
18. NR (Non-Hazardous)	Ellis County Landfill												7,566	7,566
19. Other: (Mercury)	KDHE Clean Harbors			245			33							278
20. Other: Miscellaneous	Clean Harbors				330		787							1,117
21. Other: PCB	Clean Harbors						12							12
22. Other:														0
Total pounds Managed:			1,546	9,814	1,795	15,062	4,601	1,814	0	5,587	9,058	0	21,354	70,631

Additional Program summary results:

**Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):**

A. Disposal Cost: \$20,768.11 E. Public Education/Advertising: \$409.25  
 B. \*Salaries: \$6,842.02 F. Physicals: \$0.00  
 C. Equipment/Supplies: \$666.60 G. Training: \$0.00  
 D. Overhead (Admin & Util): \$4,164.23 H. Other: \$495.50

TOTAL ANNUAL OPERATIONAL COSTS: \$33,345.71

Total Cost per Participant: \$25.11

Total Disposal Cost per Participant: 15.64

Average Pound per Participant: 53

Cost to manage per Pound : \$0.47

Average Disposal Cost per Pound: \$0.89

Percent Managed through Waste Exchange: 14%

Percent Contracted for Hazardous Waste disposal: 33%

Percent Managed through Other means: 51%

Percent in Storage as of report date: 2%

\*Volunteers saved: 190 hours in paid salaries!

**Total Number of Participants for the year (July 1, 2002 - June 30, 2003):** 1328

# Kansas Household Hazardous Waste Program - Annual Report Form

for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

Name of Facility: Department of the Army, Fort Riley

County(ies) Served:

Facility Address: Building 1946, 4th Street, Fort Riley, KS 66442

Facility Contact: Randy Smith

phone#: 785-239-6929

fax#: 785-239-8535

e-mail: randy.smith@riley.army.mil

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )		12 pounds per gallon	50											50
2. NR (Bulk Used Oil )		8 pounds per gallon	11											11
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack			5											5
4. Class 3 (Bulk Oil Based Paint )		12 pounds per gallon												0
5. Class 3 (Bulk Fuels/ Fuel Blends)		8 pounds per gallon												0
6. Class 4, Div. 4.1 (Flammable Solids)		When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.	2											2
7. Class 4, Div. 4.2 (Spontaneously Combustible)														0
8. Class 4, Div. 4.3 (Dangerous when wet)			4											4
9. Class 5, Div. 5.1 (Oxidizers)			1											0
10. Class 5, Div. 5.2 (Organic Peroxides)														0
11. Class 6, Div. 6.1 (Poisons)														0
12. Class 6, Div. 6.1 (Dioxin)														0
13. Class 8 (Corrosives, Acids and Bases)														0
14. Class 8 (Batteries - lead Acid)		Car batteries, at 30 pounds each												0
15. Class 8 (Sorted Batteries - NiCd)		For all other batteries report actual weight												0
16. Class 8 (Batteries - Dry Cell)														0
17. NR (Antifreeze)		Please note conversion factor used to estimate amounts left in storage, if applicable.												0
18. NR (Non-Hazardous)			22											22
19. Other: (Mercury)														0
20. Other: glues, caulks, waxes														0
21. Other:														0
22. Other:														0
Total pounds Managed:			95	0	0	0	0	0	0	0	0	0	0	94

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost: \$0.00  
B. Salaries: \$1,092.00  
C. Equipment/Supplies: \$0.00  
D. Overhead (Admin & Util): \$0.00  
E. Public Education/Advertising: \$50.00  
F. Physicals: \$0.00  
G. Training: \$0.00  
H. Other: \$0.00

TOTAL ANNUAL OPERATIONAL COSTS:

\$1,142.00

Total Cost per Participant:

\$380.67

Total Disposal Cost per Participant:

0.00

Average Pound per Participant:

31

Cost to manage per Pound :

\$12.14

Average Disposal Cost per Pound:

\$0.00

Percent Managed through Waste Exchange:

0%

Percent Contracted for Hazardous Waste disposal:

0%

Percent Managed through Other means:

0%

Percent in Storage as of report date:

101%

How many hours did volunteers save?

Total Number of Participants for the year (July 1, 2002 - June 30, 2003):

3

**Kansas Household Hazardous Waste Program - Annual Report Form**  
**for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)**

Name of Facility: Greenwood County HHW  
 County(ies) Served: Greenwood County  
 Facility Address: 510 S. Jefferson, Eureka, KS

Facility Contact: David Wykoff phone#: 620-583-8182 fax#: e-mail:

Waste Category DOT Class (Class description)	Name of Disposal Contract for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at a cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	Landfill	12 pounds per gallon											2,816	2,816
2. NR (Bulk Used Oil )		8 pounds per gallon												0
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)														0
4. Class 3 (Bulk Oil Based Paint )		12 pounds per gallon												0
5. Class 3 (Bulk Fuels/ Fuel Blends)		8 pounds per gallon												0
6. Class 4, Div. 4.1 (Flammable Solids)		When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.												0
7. Class 4, Div. 4.2 (Spontaneously Combustible)														0
8. Class 4, Div. 4.3 (Dangerous when wet)														0
9. Class 5, Div. 5.1 (Oxidizers)														0
10. Class 5, Div. 5.2 (Organic Peroxides)														0
11. Class 6, Div. 6.1 (Poisons)			35											35
12. Class 6, Div. 6.1 (Dioxin)														0
13. Class 8 (Corrosives, Acids and Bases)			5											5
14. Class 8 (Batteries - lead Acid)		Car batteries, at 30 pounds each												0
15. Class 8 (Sorted Batteries - NiCd)		For all other batteries report actual weight	10											10
16. Class 8 (Batteries - Dry Cell)														0
17. NR (Antifreeze)		Please note conversion factor used to estimate amounts left in storage, if applicable.												0
18. NR (Non-Hazardous)														0
19. Other: (Mercury)			1											1
20. Other: non-regulated material														0
21. Other:														0
22. Other:														0
<b>Total pounds Managed:</b>			51	0	0	0	0	0	0	0	0	0	2,816	2,867

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost: \$0.00  
 B. Salaries: \$3,800.00  
 C. Equipment/Supplies: \$0.00  
 D. Overhead (Admin & Util): \$0.00

E. Public Education/Advertising: \$0.00  
 F. Physicals: \$0.00  
 G. Training: \$550.00  
 H. Other:

TOTAL ANNUAL OPERATIONAL COSTS:

\$4,350.00

Total Cost per Participant:

\$82.08

Total Disposal Cost per Participant:

0.00

Average Pound per Participant:

54

Cost to manage per Pound :

\$1.52

Average Disposal Cost per Pound:

\$0.00

Percent Managed through Waste Exchange

0%

Percent Contracted for Hazardous Waste disposal:

0%

Percent Managed through Other means:

98%

Percent in Storage as of report date:

2%

How many hours did volunteers save?

Total Number of Participants for the year (July 1, 2002 - June 30, 2003):

53

# Kansas Household Hazardous Waste Program - Annual Report Form

for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

Name of Facility: Harvey County

County(ies) Served: Harvey

Facility Address: 3205 SW 24th, Newton, KS

Facility Contact: Roy Patton

phone#: 316-283-5439

fax#: 316-283-3749

e-mail: solidwaste@harveycounty.com

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	Clean Harbors	12 pounds per gallon												0
2. NR (Bulk Used Oil )	Harvey County Midland Refinery	8 pounds per gallon									54,000			54,000
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Clean Harbors								1,320					1,320
4. Class 3 (Bulk Oil Based Paint )	Clean Harbors	12 pounds per gallon												0
5. Class 3 (Bulk Fuels/ Fuel Blends)	Clean Harbors	8 pounds per gallon				6,600								6,600
6. Class 4, Div. 4.1 (Flammable Solids)	Clean Harbors	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.							3,080					3,080
7. Class 4, Div. 4.2 (Spontaneously Combustible)														0
8. Class 4, Div. 4.3 (Dangerous when wet)														0
9. Class 5, Div. 5.1 (Oxidizers)														0
10. Class 5, Div. 5.2 (Organic Peroxides)	Clean Harbors													0
11. Class 6, Div. 6.1 (Poisons)	Clean Harbors								7,480					7,480
12. Class 6, Div. 6.1 (Dioxin)														0
13. Class 8 (Corrosives, Acids and Bases)	Clean Harbors								440					440
14. Class 8 (Batteries - lead Acid)	Allied	Car batteries, at 30 pounds each								7,500				7,500
15. Class 8 (Batteries - NiCd)	Allied	For all other batteries report actual weight								30				30
16. Class 8 (Batteries - Dry Cell/Lithium)	Allied									160				160
17. NR (Antifreeze)	Clean Harbors	Please note conversion factor used to estimate amounts left in storage, if applicable.						2,200						2,200
18. NR (Non-Hazardous)								17,160						17,160
19. Other: (Mercury)														0
20. Other: PCBs									800					800
21. Other:														0
22. Other:														0
Total pounds Managed:			0	0	0	6,600	0	19,360	13,120	7,690	54,000	0	0	100,770

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost: \$20,000.00

B. Salaries: \$21,000.00

C. Equipment/Supplies: \$5,000.00

D. Overhead (Admin & Util): \$900.00

E. Public Education/Advertising: \$200.00

F. Physicals

G. Training \$2,000.00

H. Other

TOTAL ANNUAL OPERATIONAL COSTS: \$49,100.00

How many hours did volunteers save?

Total Number of Participants for the year (July 1, 2002 - June 30, 2003): 2040

Total Cost per Participant: \$24.07

Total Disposal Cost per Participant: 9.80

Average Pound per Participant: 49

Cost to manage per Pound : \$0.49

Average Disposal Cost per Pound: \$0.51

Percent Managed through Waste Exchange 0%

Percent Contracted for Hazardous Waste disposal: 39%

Percent Managed through Other means: 61%

Percent in Storage as of report date: 0%

# Kansas Household Hazardous Waste Program - Annual Report Form

for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

Name of Facility: Jefferson County HHW  
County(ies) Served: Jefferson  
Facility Address: 15049 94th Street, Oskaloosa, KS 66066

Facility Contact: Robert Abel Jr. phone#: 785-863-2581 fax#: 785-863-2091 e-mail: jeffcoweed@ruralnet1.com

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	Philips	12 pounds per gallon	3,960	3,200				1,319						8,479
2. NR (Bulk Used Oil )	Universal Lubricants	8 pounds per gallon	5,320								56,000			61,320
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack	Philips													0
4. Class 3 (Bulk Oil Based Paint )	Philips	12 pounds per gallon				5,574								5,574
5. Class 3 (Bulk Fuels/ Fuel Blends)		8 pounds per gallon							399					399
6. Class 4, Div. 4.1 (Flammable Solids)		When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.												0
7. Class 4, Div. 4.2 (Spontaneously Combustible)														0
8. Class 4, Div. 4.3 (Dangerous when wet)														0
9. Class 5, Div. 5.1 (Oxidizers)	Philips								38					38
10. Class 5, Div. 5.2 (Organic Peroxides)														0
11. Class 6, Div. 6.1 (Poisons)	Philips								211					211
12. Class 6, Div. 6.1 (Dioxin)														0
13. Class 8 (Corrosives, Acids and Bases)	Philips						44							44
14. Class 8 (Batteries - lead Acid)	Salvage	Car batteries, at 30 pounds each								5,600				5,600
15. Class 8 (Sorted Batteries - NiCd)		For all other batteries report actual weight												0
16. Class 8 (Batteries - Dry Cell)	Philips							73						73
17. NR (Antifreeze)		Please note conversion factor used to estimate amounts left in storage, if applicable.												0
18. NR (Non-Hazardous)														0
19. Other: (Mercury)														0
20. Other: Non-Regulated Material														0
21. Other:														0
22. Other:														0
Total pounds Managed:			9,280	3,200	0	5,574	44	1,392	648	5,600	56,000	0	0	81,738

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost: \$3,246.87 E. Public Education/Advertising: \$1,675.20  
B. Salaries: \$8,000.00 F. Physicals: \$0.00  
C. Equipment/Supplies: \$2,334.70 G. Training: \$0.00  
D. Overhead (Admin & Util): \$0.00 H. Other: \$0.00

TOTAL ANNUAL OPERATIONAL COSTS: \$15,256.77

How many hours did volunteers save?

Total Number of Participants for the year (July 1, 2002 - June 30, 2003): 343

Total Cost per Participant: \$44.48

Total Disposal Cost per Participant: 9.47

Average Pound per Participant: 238

Cost to manage per Pound : \$0.19

Average Disposal Cost per Pound: \$0.42

Percent Managed through Waste Exchange: 4%

Percent Contracted for Hazardous Waste disposal: 9%

Percent Managed through Other means: 75%

Percent in Storage as of report date: 11%

# Kansas Household Hazardous Waste Program - Annual Report Form

for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

Name of Facility: Jewell County HHW  
County(ies) Served: Jewell and Smith  
Facility Address: 100 W. Hwy 36, Mankato, KS 66956

Facility Contact: James Vaughan

phone#: 785-378-3826

fax#:

e-mail:

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )		12 pounds per gallon	72	106										178
2. NR (Bulk Used Oil )		8 pounds per gallon												0
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)														0
4. Class 3 (Bulk Oil Based Paint )		12 pounds per gallon		36										36
5. Class 3 (Bulk Fuels/ Fuel Blends)		8 pounds per gallon												0
6. Class 4, Div. 4.1 (Flammable Solids)		When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.												0
7. Class 4, Div. 4.2 (Spontaneously Combustible)														0
8. Class 4, Div. 4.3 (Dangerous when wet)														0
9. Class 5, Div. 5.1 (Oxidizers)	Safety Kleen						84							84
10. Class 5, Div. 5.2 (Organic Peroxides)														0
11. Class 6, Div. 6.1 (Poisons)	Safety Kleen		700			63								763
12. Class 6, Div. 6.1 (Dioxin)														0
13. Class 8 (Corrosives, Acids and Bases)	Safety Kleen					124								124
14. Class 8 (Batteries - lead Acid)		Car batteries, at 30 pounds each												0
15. Class 8 (Sorted Batteries - NiCd)		For all other batteries report actual weight												0
16. Class 8 (Batteries - Dry Cell)														0
17. NR (Antifreeze)		Please note conversion factor used to estimate amounts left in storage, if applicable.												0
18. NR (Non-Hazardous)														0
19. Other: (Mercury)														0
20. Other:														0
21. Other:														0
22. Other:														0
Total pounds Managed:			772	142	0	0	271	0	0	0	0	0	0	1,185

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost: \$1,412.00  
B. Salaries: \$150.00  
C. Equipment/Supplies: \$250.00  
D. Overhead (Admin & Util): \$95.00  
E. Public Education/Advertising: \$45.00  
F. Physicals: \$0.00  
G. Training: \$210.00  
H. Other: \$0.00  
TOTAL ANNUAL OPERATIONAL COSTS: \$2,162.00

Total Cost per Participant: \$27.72  
Total Disposal Cost per Participant: 18.10  
Average Pound per Participant: 15  
Cost to manage per Pound : \$1.82  
Average Disposal Cost per Pound: \$5.21

Percent Managed through Waste Exchange: 12%  
Percent Contracted for Hazardous Waste disposal: 23%  
Percent Managed through Other means: 0%  
Percent in Storage as of report date: 65%

How many hours did volunteers save?

Total Number of Participants for the year (July 1, 2002 - June 30, 2003): 78



# Kansas Household Hazardous Waste Program - Annual Report Form

for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

Name of Facility: Johnson County HMC

County(ies) Served: Johnson

Facility Address: 5801 Foxridge, Mission, KS

Facility Contact: Betsy Livingston

phone#: 913-492-0402

fax#: 913-492-0142

e-mail: betsy.livingston@jocoks.com

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	JCED	12 pounds per gallon		80,600										80,600
2. NR (Bulk Used Oil )	Chrystal Clean	8 pounds per gallon								23,400				23,400
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack	PSC								7,400					7,400
4. Class 3 (Bulk Oil Based Paint )	PSC	12 pounds per gallon				85,500								85,500
5. Class 3 (Bulk Fuels/ Fuel Blends)	PSC	8 pounds per gallon				14,300								14,300
6. Class 4, Div. 4.1 (Flammable Solids)	PSC	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.							132					132
7. Class 4, Div. 4.2 (Spontaneously Combustible)	PSC													0
8. Class 4, Div. 4.3 (Dangerous when wet)	PSC								52					52
9. Class 5, Div. 5.1 (Oxidizers)	PSC								963					963
10. Class 5, Div. 5.2 (Organic Peroxides)	PSC													0
11. Class 6, Div. 6.1 (Poisons)	PSC								14,300					14,300
12. Class 6, Div. 6.1 (Dioxin)	Clean Harbors	Car batteries, at 30 pounds each						285						285
13. Class 8 (Corrosives, Acids and Bases)	PSC						3,443							3,443
14. Class 8 (Batteries - lead Acid)	Budget Battery									24,480				24,480
15. Class 8 (Sorted Batteries - NiCd)	RBRC									212				212
16. Class 8 (Batteries - Dry Cell)	RBRC	For all other batteries report actual weight												0
17. NR (Antifreeze)	WWTP	Please note conversion factor used to estimate amounts left in storage, if applicable.										5,700		5,700
18. NR (Non-Hazardous)	reuse/landfill			55,000									178,500	233,500
19. Other: (Mercury)	PSC													0
20. Other: (cylinders)	Suburban Propane													0
21. Other:														0
22. Other:														0
Total pounds Managed:			0	135,600	0	99,800	3,443	285	22,847	48,092	0	5,700	178,500	494,267

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost: \$91,300.00 E. Public Education/Advertising: \$2,300.00  
B. Salaries: \$132,000.00 F. Physicals: \$0.00  
C. Equipment/Supplies: \$12,600.00 G. Training: \$1,338.00  
D. Overhead (Admin & Util): \$3,800.00 H. Other: \$3,500.00  
TOTAL ANNUAL OPERATIONAL COSTS: \$246,838.00

Total Cost per Participant: \$44.72

Total Disposal Cost per Participant: 16.54

Average Pound per Participant: 90

Cost to manage per Pound : \$0.50

Average Disposal Cost per Pound: \$0.72

Percent Managed through Waste Exchange: 27%

Percent Contracted for Hazardous Waste disposal: 26%

Percent Managed through Other means: 47%

Percent in Storage as of report date: 0%

How many hours did volunteers save? 113

Total Number of Participants for the year (July 1, 2002 - June 30, 2003): 5520

**Kansas Household Hazardous Waste Program - Annual Report Form**  
**for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)**

Name of Facility: Lake Region  
 County(ies) Served: Anderson, Coffey, Franklin, Linn, Miami, & Osage  
 Facility Address:

Facility Contact: Bob Thompson      phone#: 785-229-8470      fax#: 785-229-8478      e-mail:

Waste Category DOT Class (Class description)	Name of Disposal Contract for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE	Wastes DISTRIBUTED through a REUSE Waste Exchange program	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
			(includes all wastes left in storage at the close of the report period) pounds	pounds	Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )		12 pounds per gallon	7,560	25,780									9,057	42,397
2. NR (Bulk Used Oil )		8 pounds per gallon	10,800		1,270					94,100	12,480		650	119,300
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)			275	25									272	572
4. Class 3 (Bulk Oil Based Paint ) fuel blends		12 pounds per gallon	15,960	558					22,065				750	39,333
5. Class 3 (Bulk Fuels/ Fuel Blends)		8 pounds per gallon	3,240	43		4,400			40					7,723
6. Class 4, Div. 4.1 (Flammable Solids)		When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.	340	24					112					476
7. Class 4, Div. 4.2 (Spontaneously Combustible)			1											1
8. Class 4, Div. 4.3 (Dangerous when wet)			40						40					80
9. Class 5, Div. 5.1 (Oxidizers)			344	20										364
10. Class 5, Div. 5.2 (Organic Peroxides)														0
11. Class 6, Div. 6.1 (Poisons)			2,118	1,001		691			85					3,895
12. Class 6, Div. 6.1 (Dioxin)			110											110
13. Class 8 (Corrosives, Acids and Bases)			473	9			660		13			297		1,452
14. Class 8 (Batteries - lead Acid)		Car batteries, at 30 pounds each	8,290		3,235					34,850				46,375
15. Class 8 (Sorted Batteries - NiCd)		For all other batteries report actual weight	413											413
16. Class 8 (Batteries - Dry Cell/Lithium)			51							1,320			812	2,183
17. NR (Antifreeze)		Please note conversion factor used to estimate amounts left in storage, if applicable.								240			609	849
18. NR (Non-Hazardous)			1,004	698										1,702
19. Other: (Mercury)			5											5
20. Other: (cylinders)			3											3
21. Other: (PCB's)			16											16
22. Other:														0
<b>Total pounds Managed:</b>			51,043	28,158	4,505	5,091	660	0	22,355	130,510	12,480	297	12,150	267,249

Additional Program summary results:

**Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):**

A. Disposal Cost:	\$16,794.05	E. Public Education/Advertising:	\$1,062.71
B. Salaries:	\$20,820.48	F. Physicals	\$0.00
C. Equipment/Supplies:	\$4,387.90	G. Training	\$2,737.18
D. Overhead (Admin & Util):	\$8,269.98	H. Other	\$0.00
TOTAL ANNUAL OPERATIONAL COSTS:		\$54,072.30	

Total Cost per Participant: \$24.28

Total Disposal Cost per Participant:	7.54
Average Pound per Participant:	120
Cost to manage per Pound :	\$0.20
Average Disposal Cost per Pound:	\$0.51

Percent Managed through Waste Exchange 11%

Percent Contracted for Hazardous Waste disposal:	12%
Percent Managed through Other means:	58%
Percent in Storage as of report date:	19%

How many hours did volunteers save?

**Total Number of Participants for the year (July 1, 2002 - June 30, 2003):** 2227

# Kansas Household Hazardous Waste Program - Annual Report Form

for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

Name of Facility: Lawrence/Douglas County HHW Facility

County(ies) Served: Douglas

Facility Address: 711 E. 23rd Street, Lawrence, KS

Facility Contact: Mollie Mangerich

phone#: 785-832-3030

fax#: 785-832-3056

e-mail: mmangerich@ci.lawrence.ks.us

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	Philp Services	12 pounds per gallon		3,324									26,298	29,622
2. NR (Bulk Used Oil )	Marathon Oil	8 pounds per gallon		413					1,329	18,030	98			19,870
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Philp Services			215					2,050					2,265
4. Class 3 (Bulk Oil Based Paint )		12 pounds per gallon		325		21,428			405					22,158
5. Class 3 (Bulk Fuels/ Fuel Blends)	Philp Services	8 pounds per gallon		1,047		2,778								3,825
6. Class 4, Div. 4.1 (Flammable Solids)		When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.		7					47					54
7. Class 4, Div. 4.2 (Spontaneously Combustible)									13					13
8. Class 4, Div. 4.3 (Dangerous when wet)														0
9. Class 5, Div. 5.1 (Oxidizers)									417					417
10. Class 5, Div. 5.2 (Organic Peroxides)														0
11. Class 6, Div. 6.1 (Poisons)				480					4,356					4,836
12. Class 6, Div. 6.1 (Dioxin)								70						70
13. Class 8 (Corrosives, Acids and Bases)				437			1,671							2,108
14. Class 8 (Batteries - lead Acid)		Car batteries, at 30 pounds each								3,090				3,090
15. Class 8 (Sorted Batteries - NiCd)		For all other batteries report actual weight			420									420
16. Class 8 (Batteries - Dry Cell)								2,885						2,885
17. NR (Antifreeze)		Please note conversion factor used to estimate amounts left in storage, if applicable.		497	1,603	97	373							2,570
18. NR (Non-Hazardous)					120									120
19. Other: (Mercury)					36									36
20. Other: NR TAR, Enzymes														0
21. Other: Fluorescent Bulbs					215									215
22. Other: 3(6.1)								1,114						1,114
<b>Total pounds Managed:</b>			0	6,745	2,394	24,303	2,044	2,955	9,731	21,120	98	0	26,298	95,688

Additional Program summary results:

**Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):**

A. Disposal Cost:	\$36,879.50	E. Public Education/Advertising:	\$9,645.99
B. Salaries:	\$29,884.00	F. Physicals:	\$270.00
C. Equipment/Supplies:	\$10,549.36	G. Training:	\$409.50
D. Overhead (Admin & Util):	\$8,777.70	H. Other:	\$140.00
TOTAL ANNUAL OPERATIONAL COSTS:		\$96,556.05	

How many hours did volunteers save?

**Total Number of Participants for the year (July 1, 2002 - June 30, 2003):** 1681

Total Cost per Participant: \$57.44

Total Disposal Cost per Participant: 21.94

Average Pound per Participant: 57

Cost to manage per Pound : \$1.01

Average Disposal Cost per Pound: \$0.89

Percent Managed through Waste Exchange 7%

Percent Contracted for Hazardous Waste disposal: 43%

Percent Managed through Other means: 50%

Percent in Storage as of report date: 0%

# Kansas Household Hazardous Waste Program - Annual Report Form

for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

Name of Facility: Leavenworth County Solid Waste

County(ies) Served: Leavenworth

Facility Address: 23674 187th St, Leavenworth, KS 66048-8321

Facility Contact: Ed Sass

phone#: 913-727-3200

fax#: 913-727-9109

e-mail:

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED	
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds		
1. NR (Bulk Latex Paints )	Rolling Meadows	12 pounds per gallon						6,900						6,900	
2. NR (Bulk Used Oil )	Safety Kleen	8 pounds per gallon				35,320								35,320	
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Onyx									100				100	
4. Class 3 (Bulk Oil Based Paint )	Onyx	12 pounds per gallon								2,800				2,800	
5. Class 3 (Bulk Fuels/ Fuel Blends)	Onyx	8 pounds per gallon								800				800	
6. Class 4, Div. 4.1 (Flammable Solids)	Onyx	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.												0	
7. Class 4, Div. 4.2 (Spontaneously Combustible)														0	
8. Class 4, Div. 4.3 (Dangerous when wet)														0	
9. Class 5, Div. 5.1 (Oxidizers)														0	
10. Class 5, Div. 5.2 (Organic Peroxides)														0	
11. Class 6, Div. 6.1 (Poisons)	Onyx										1,260				1,260
12. Class 6, Div. 6.1 (Dioxin)															0
13. Class 8 (Corrosives, Acids and Bases)										40				40	
14. Class 8 (Batteries - lead Acid)	Private Contractor	Car batteries, at 30 pounds each			29,730									29,730	
15. Class 8 (Sorted Batteries - NiCd)		For all other batteries report actual weight												0	
16. Class 8 (Batteries - Dry Cell)														0	
17. NR (Antifreeze)		Please note conversion factor used to estimate amounts left in storage, if applicable.												0	
18. NR (Non-Hazardous)														0	
19. Other: (Mercury)														0	
20. Other:														0	
21. Other:														0	
22. Other:														0	
Total pounds Managed:			0	0	29,730	35,320	0	6,900	0	5,000	0	0	0	76,950	

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost: \$9,876.00 E. Public Education/Advertising: \$0.00  
 B. Salaries: \$10,000.00 F. Physicals: \$0.00  
 C. Equipment/Supplies: \$300.00 G. Training: \$200.00  
 D. Overhead (Admin & Util): \$0.00 H. Other: \$0.00  
 TOTAL ANNUAL OPERATIONAL COSTS: \$20,376.00

How many hours did volunteers save?

Total Number of Participants for the year (July 1, 2002 - June 30, 2003):

677

Total Cost per Participant: \$30.10  
 Total Disposal Cost per Participant: 14.59  
 Average Pound per Participant: 114  
 Cost to manage per Pound : \$0.26  
 Average Disposal Cost per Pound: \$0.14

Percent Managed through Waste Exchange Progr: 0%  
 Percent Contracted for Hazardous Waste disposal: 94%  
 Percent Managed through Other means: 6%  
 Percent in Storage as of report date: 0%

# Kansas Household Hazardous Waste Program - Annual Report Form

for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

Name of Facility: Lyon County Hazardous Waste

County(ies) Served: Lyon & Chase

Facility Address: 3000 West South Avenue

Facility Contact: Anne Glogowski

phone#: 620-340-6365

fax#: 620-340-6369

e-mail:

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	Clean Harbors	12 pounds per gallon		13,200										13,200
2. NR (Bulk Used Oil )	Clean Harbors	8 pounds per gallon									6,480			6,480
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Clean Harbors													0
4. Class 3 (Bulk Oil Based Paint )	Clean Harbors	12 pounds per gallon		1,992										1,992
5. Class 3 (Bulk Fuels/ Fuel Blends)	Clean Harbors	8 pounds per gallon		6,712					35,440					42,152
6. Class 4, Div. 4.1 (Flammable Solids)	Clean Harbors	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.							440					440
7. Class 4, Div. 4.2 (Spontaneously Combustible)	Clean Harbors													0
8. Class 4, Div. 4.3 (Dangerous when wet)	Clean Harbors													0
9. Class 5, Div. 5.1 (Oxidizers)	Clean Harbors													0
10. Class 5, Div. 5.2 (Organic Peroxides)	Clean Harbors													0
11. Class 6, Div. 6.1 (Poisons)	Clean Harbors			1,256					4,400					5,656
12. Class 6, Div. 6.1 (Dioxin)	Clean Harbors													0
13. Class 8 (Corrosives, Acids and Bases)	Clean Harbors			6,936					1,120					8,056
14. Class 8 (Batteries - lead Acid)	Clean Harbors	Car batteries, at 30 pounds each								40				40
15. Class 8 (Sorted Batteries - NiCd)	Clean Harbors	For all other batteries report actual weight								30				30
16. Class 8 (Batteries - Dry Cell)	Clean Harbors													0
17. NR (Antifreeze)	Clean Harbors	Please note conversion factor used to estimate amounts left in storage, if applicable.		128					440					568
18. NR (Non-Hazardous)													11,420	11,420
19. Other: (Mercury)														0
20. Other:														0
21. Other:														0
22. Other:														0
Total pounds Managed:			0	30,224	0	0	0	0	41,840	70	6,480	0	11,420	90,034

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost: \$17,714.13 E. Public Education/Advertising: \$1,250.20  
B. Salaries: \$26,867.48 F. Physicals: \$0.00  
C. Equipment/Supplies: \$28,587.50 G. Training: \$529.97  
D. Overhead (Admin & Util): \$2,893.30 H. Other: \$0.00

TOTAL ANNUAL OPERATIONAL COSTS: \$77,842.58

How many hours did volunteers save?

Total Number of Participants for the year (July 1, 2002 - June 30, 2003):

773

Total Cost per Participant: \$100.70

Total Disposal Cost per Participant: 22.92

Average Pound per Participant: 116

Cost to manage per Pound : \$0.86

Average Disposal Cost per Pound: \$0.42

Percent Managed through Waste Exchange:

34%

Percent Contracted for Hazardous Waste disposal:

46%

Percent Managed through Other means:

20%

Percent in Storage as of report date:

0%

**Kansas Household Hazardous Waste Program - Annual Report Form**  
**for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)**

Name of Facility: Marion County Household Hazardous Waste

County(ies) Served: Marion

Facility Address: 141 N. Coble, Marion, KS 66861

Facility Contact: Bill Smithhart

phone#: 620-382-3190

fax#: 620-382-3188

e-mail:

Waste Category DOT Class (Class description)	Name of Disposal Contract for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE	Wastes DISTRIBUTED	HAZARDOUS WASTES CONTRACTED					Wastes not contracted as Hazardous Waste				Total Pounds COLLECTED
			(includes all wastes left in storage at the close of the report period) pounds	through a REUSE Waste Exchange program pounds	Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )		12 pounds per gallon	1,328	186									5,735	7,249
2. NR (Bulk Used Oil )	Clean Harbors	8 pounds per gallon	880				440				5,170			6,490
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Clean Harbors		27											27
4. Class 3 (Bulk Oil Based Paint )	Clean Harbors	12 pounds per gallon	980	24			2,244							3,248
5. Class 3 (Bulk Fuels/ Fuel Blends)		8 pounds per gallon												0
6. Class 4, Div. 4.1 (Flammable Solids)	Clean Harbors	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.	388	191			4							583
7. Class 4, Div. 4.2 (Spontaneously Combustible)														0
8. Class 4, Div. 4.3 (Dangerous when wet)	Clean Harbors						1							1
9. Class 5, Div. 5.1 (Oxidizers)	Clean Harbors						8							8
10. Class 5, Div. 5.2 (Organic Peroxides)														0
11. Class 6, Div. 6.1 (Poisons)	Clean Harbors		23				7							30
12. Class 6, Div. 6.1 (Dioxin)														0
13. Class 8 (Corrosives, Acids and Bases)	Clean Harbors		57	5			77							139
14. Class 8 (Batteries - lead Acid)		Car batteries, at 30 pounds each	75							4,200				4,275
15. Class 8 (Sorted Batteries - NiCd)	Clean Harbors	For all other batteries report actual weight	32											32
16. Class 8 (Batteries - Dry Cell/Lithium)	Clean Harbors		264									113		377
17. NR (Antifreeze)	Clean Harbors	Please note conversion factor used to estimate amounts left in storage, if applicable.	107	16										123
18. NR (Non-Hazardous)													1,579	1,579
19. Other: (Mercury)														0
20. Other: Pesticides	Clean Harbors		172	64			246							482
21. Other:														0
22. Other:														0
<b>Total pounds Managed:</b>			4,333	486	0	0	3,027	0	0	4,200	5,170	0	7,427	24,643

Additional Program summary results:

**Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):**

A. Disposal Cost: \$5,834.00 E. Public Education/Advertising: \$439.00

B. Salaries: \$36,461.00 F. Physicals: \$0.00

C. Equipment/Supplies: \$948.00 G. Training: \$222.00

D. Overhead (Admin & Util): \$1,020.00 H. Other: \$0.00

TOTAL ANNUAL OPERATIONAL COSTS: \$44,924.00

How many hours did volunteers save?

Total Cost per Participant: \$161.60

Total Disposal Cost per Participant: 20.99

Average Pound per Participant: 89

Cost to manage per Pound: \$1.82

Average Disposal Cost per Pound: \$1.93

Percent Managed through Waste Exchange: 2%

Percent Contracted for Hazardous Waste disposal: 12%

Percent Managed through Other means: 68%

Percent in Storage as of report date: 18%

**Total Number of Participants for the year (July 1, 2002 - June 30, 2003):**

278

**Kansas Household Hazardous Waste Program - Annual Report Form**  
**for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)**

Name of Facility: McPherson Area Solid Waste Utility

County(ies) Served: McPherson

Facility Address: 1481 Pueblo Road, McPherson, KS

Phone #: 620-654-3793

fax#: 620-654-3796

e-mail:

Facility Contact: Scott Fitch

Waste Category DOT Class (Class description)	Name of Disposal Contract for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )		12 pounds per gallon												0
2. NR (Bulk Used Oil )	Victory Oil	8 pounds per gallon								4,800				4,800
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Clean Harbors								710					710
4. Class 3 (Bulk Oil Based Paint )	Clean Harbors	12 pounds per gallon						12,353						12,353
5. Class 3 (Bulk Fuels/ Fuel Blends)		8 pounds per gallon												0
6. Class 4, Div. 4.1 (Flammable Solids)		When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.												0
7. Class 4, Div. 4.2 (Spontaneously Combustible)														0
8. Class 4, Div. 4.3 (Dangerous when wet)														0
9. Class 5, Div. 5.1 (Oxidizers)	Clean Harbors						38							38
10. Class 5, Div. 5.2 (Organic Peroxides)														0
11. Class 6, Div. 6.1 (Poisons)	Clean Harbors							1,230						1,230
12. Class 6, Div. 6.1 (Dioxin)														0
13. Class 8 (Corrosives, Acids and Bases)	Clean Harbors						240							240
14. Class 8 (Batteries - lead Acid)	Allied Battery	Car batteries, at 30 pounds each								5,640				5,640
15. Class 8 (Sorted Batteries - NiCd)		For all other batteries report actual weight												0
16. Class 8 (Batteries - Dry Cell)														0
17. NR (Antifreeze)	Clean Harbors	Please note conversion factor used to estimate amounts left in storage, if applicable.												0
18. NR (Non-Hazardous)	Safety Kleen							560						560
19. Other: (Mercury)														0
20. Other: Loose Pack Paints	Safety Kleen													0
21. Other:														0
22. Other:														0
<b>Total pounds Managed:</b>			0	0	0	0	278	14,143	710	10,440	0	0	0	25,571

Additional Program summary results:

**Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):**

A. Disposal Cost: \$25,681.00 E. Public Education/Advertising: \$0.00

B. Salaries: \$8,625.00 F. Physicals: \$0.00

C. Equipment/Supplies: \$2,425.00 G. Training: \$295.00

D. Overhead (Admin & Util): \$0.00 H. Other: \$0.00

TOTAL ANNUAL OPERATIONAL COSTS: \$37,026.00

How many hours did volunteers save?

Total Cost per Participant: \$92.33

Total Disposal Cost per Participant: 64.04

Average Pound per Participant: 64

Cost to manage per Pound: \$1.45

Average Disposal Cost per Pound: \$1.70

Percent Managed through Waste Exchange 0%

Percent Contracted for Hazardous Waste disposal: 59%

Percent Managed through Other means: 41%

Percent in Storage as of report date: 0%

**Total Number of Participants for the year (July 1, 2002 - June 30, 2003):**

401

**Kansas Household Hazardous Waste Program - Annual Report Form**  
**for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)**

Name of Facility: Montgomery County Household Hazardous Waste Facility  
 County(ies) Served: Montgomery, Labette, Wilson  
 Facility Address: 114 N. Wald, Independence, KS

Facility Contact: Fred Long

phone#: 620-331-4139

fax#: 620-330-1177

e-mail:

Waste Category DOT Class (Class description)	Name of Disposal Contract for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE	Wastes DISTRIBUTED	HAZARDOUS WASTES CONTRACTED					Wastes not contracted as Hazardous Waste				Total Pounds COLLECTED
			(includes all wastes left in storage at the close of the report period) pounds	through a REUSE Waste Exchange program pounds	Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	Clean Harbors	12 pounds per gallon	6,000	800					17,400					24,200
2. NR (Bulk Used Oil )	Cleanwater Trucking	8 pounds per gallon	180						6,400					6,580
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Clean Harbors		650	300					1,450					2,400
4. Class 3 (Bulk Oil Based Paint )		12 pounds per gallon	2,000	300					5,400					7,700
5. Class 3 (Bulk Fuels/ Fuel Blends)	Clean Harbors	8 pounds per gallon												0
6. Class 4, Div. 4.1 (Flammable Solids)	Clean Harbors	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.		100					800					900
7. Class 4, Div. 4.2 (Spontaneously Combustible)									250					250
8. Class 4, Div. 4.3 (Dangerous when wet)														0
9. Class 5, Div. 5.1 (Oxidizers)	Clean Harbors		20											20
10. Class 5, Div. 5.2 (Organic Peroxides)														0
11. Class 6, Div. 6.1 (Poisons)	Clean Harbors		10						10					20
12. Class 6, Div. 6.1 (Dioxin)														0
13. Class 8 (Corrosives, Acids and Bases)	Clean Harbors		180	100					281					561
14. Class 8 (Batteries - lead Acid)		Car batteries, at 30 pounds each							2,760					2,760
15. Class 8 (Sorted Batteries - NiCd)	Clean Harbors	For all other batteries report actual weight							140					140
16. Class 8 (Batteries - Dry Cell/Lithium)			80											80
17. NR (Antifreeze)	Clean Harbors	Please note conversion factor used to estimate amounts left in storage, if applicable.	560						800					1,360
18. NR (Non-Hazardous)														0
19. Other:														0
20. Other: Pesticides liquids			1,000	600					1,500					3,100
21. Other: Pesticides solids			590	250					850					1,690
22. Other:														0
<b>Total pounds Managed:</b>			11,270	2,450	0	0	0	0	38,041	0	0	0	0	51,761

Additional Program summary results:

**Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):**

A. Disposal Cost: \$12,000.00 E. Public Education/Advertising: \$0.00  
 B. Salaries: \$5,500.00 F. Physicals: \$0.00  
 C. Equipment/Supplies: \$1,300.00 G. Training: \$0.00  
 D. Overhead (Admin & Util): \$1,300.00 H. Other: \$0.00  
**TOTAL ANNUAL OPERATIONAL COSTS: \$20,100.00**

Total Cost per Participant: \$41.88  
 Total Disposal Cost per Participant: 25.00  
 Average Pound per Participant: 108  
 Cost to manage per Pound : \$0.39  
 Average Disposal Cost per Pound: \$0.32

Percent Managed through Waste Exchange 5%  
 Percent Contracted for Hazardous Waste disposal: 73%  
 Percent Managed through Other means: 0%  
 Percent in Storage as of report date: 22%

How many hours did volunteers save?

**Total Number of Participants for the year (July 1, 2002 - June 30, 2003): 480**



# Kansas Household Hazardous Waste Program - Annual Report Form

for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

Name of Facility: Norton County Solid Waste  
County(ies) Served: Norton  
Facility Address: RR #1, Box 165, Norton, KS 67654  
phone#: 785-877-5790 fax#: 785-877-5741

Facility Contact: Curt Archibald

e-mail:

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period)  pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program  pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	Safety Kleen	12 pounds per gallon		160				2,640						2,800
2. NR (Bulk Used Oil )	Universal	8 pounds per gallon	1,400							16,200				17,600
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack														0
4. Class 3 (Bulk Oil Based Paint )	Safety Kleen	12 pounds per gallon				660								660
5. Class 3 (Bulk Fuels/ Fuel Blends)		8 pounds per gallon												0
6. Class 4, Div. 4.1 (Flammable Solids)		When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.												0
7. Class 4, Div. 4.2 (Spontaneously Combustible)														0
8. Class 4, Div. 4.3 (Dangerous when wet)														0
9. Class 5, Div. 5.1 (Oxidizers)														0
10. Class 5, Div. 5.2 (Organic Peroxides)														0
11. Class 6, Div. 6.1 (Poisons)														0
12. Class 6, Div. 6.1 (Dioxin)														0
13. Class 8 (Corrosives, Acids and Bases)														0
14. Class 8 (Batteries - lead Acid)	F & F Iron	Car batteries, at 30 pounds each								980				980
15. Class 8 (Sorted Batteries - NiCd)	Safety Kleen	For all other batteries report actual weight			160									160
16. Class 8 (Batteries - Dry Cell)	Safety Kleen							1,050						1,050
17. NR (Antifreeze)		Please note conversion factor used to estimate amounts left in storage, if applicable.												0
18. NR (Non-Hazardous)														0
19. Other: (Mercury)														0
20. Other:														0
21. Other:														0
22. Other:														0
Total pounds Managed:			1,400	160	160	660	0	3,690	0	17,180	0	0	0	23,250

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost: \$2,276.00  
B. Salaries: \$24,000.00  
C. Equipment/Supplies: \$0.00  
D. Overhead (Admin & Util): \$200.00

E. Public Education/Advertising: \$0.00  
F. Physicals: \$0.00  
G. Training: \$762.00  
H. Other: \$0.00

TOTAL ANNUAL OPERATIONAL COSTS:

\$27,238.00

Total Cost per Participant: \$1,089.52

Total Disposal Cost per Participant: 91.04

Average Pound per Participant: 930

Cost to manage per Pound : \$1.17

Average Disposal Cost per Pound: \$0.50

Percent Managed through Waste Exchange:

1%

Percent Contracted for Hazardous Waste disposal:

19%

Percent Managed through Other means:

74%

Percent in Storage as of report date:

6%

How many hours did volunteers save?

Total Number of Participants for the year (July 1, 2002 - June 30, 2003):

25

**Kansas Household Hazardous Waste Program - Annual Report Form**  
**for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)**

Name of Facility: City of Olathe HH-W Facility  
 County(ies) Served: City of Olathe  
 Facility Address: 12700 Hedge Lane, Olathe, KS 66061  
 phone#: 913-971-9006 fax#: 913-393-9099 (Attn: Kent Seyfried) e-mail: kseyfried@olatheks.org

Facility Contact: Kent Seyfried

Waste Category DOT Class (Class description)	Name of Disposal Contract for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	Operation Brightside	12 pounds per gallon	8,400	6,180									35,520	50,100
2. NR (Bulk Used Oil )	Safety Kleen	8 pounds per gallon	800							22,400				23,200
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Phillips								1,153					1,153
4. Class 3 (Bulk Oil Based Paint )	Phillips	12 pounds per gallon				11,130			16,800					27,930
5. Class 3 (Bulk Fuels/ Fuel Blends)	Phillips	8 pounds per gallon		100		1,117			5,280					6,497
6. Class 4, Div. 4.1 (Flammable Solids)	Phillips	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.							165					165
7. Class 4, Div. 4.2 (Spontaneously Combustible)	Phillips													0
8. Class 4, Div. 4.3 (Dangerous when wet)	Phillips													0
9. Class 5, Div. 5.1 (Oxidizers)	Phillips								105					105
10. Class 5, Div. 5.2 (Organic Peroxides)	Phillips													0
11. Class 6, Div. 6.1 (Poisons)	Phillips			300					3,800					4,100
12. Class 6, Div. 6.1 (Dioxin)	Phillips		10											10
13. Class 8 (Corrosives, Acids and Bases)	Phillips						466							466
14. Class 8 (Batteries - lead Acid)	Budget Battery	Car batteries, at 30 pounds each								8,100				8,100
15. Class 8 (Sorted Batteries - NiCd)	Phillips	For all other batteries report actual weight	5											5
16. Class 8 (Batteries - Dry Cell/Lithium)	Phillips		6											6
17. NR (Antifreeze)	Safety Kleen	Please note conversion factor used to estimate amounts left in storage, if applicable.	160	250	2,240									2,650
18. NR (Non-Hazardous)				2,050										2,050
19. Other: (Mercury)	KDHE		1											1
20. Other: cylinders	Suburban Propane					40								40
21. Other:														0
22. Other:														0
<b>Total pounds Managed:</b>			9,382	8,880	2,240	12,287	466	0	27,303	30,500	0	0	35,520	126,578

Additional Program summary results:

**Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):**

A. Disposal Cost:	\$39,000.00	E. Public Education/Advertising:	\$1,000.00
B. Salaries:	\$8,000.00	F. Physicals	\$0.00
C. Equipment/Supplies:	\$4,200.00	G. Training	\$300.00
D. Overhead (Admin & Util):	\$5,250.00	H. Other	\$0.00
<b>TOTAL ANNUAL OPERATIONAL COSTS:</b>		<b>\$57,750.00</b>	

**Total Cost per Participant:** \$38.12

**Total Disposal Cost per Participant:** 25.74

**Average Pound per Participant:** 84

**Cost to manage per Pound :** \$0.46

**Average Disposal Cost per Pound:** \$0.92

**Percent Managed through Waste Exchange** 7%

**Percent Contracted for Hazardous Waste disposal:** 33%

**Percent Managed through Other means:** 52%

**Percent in Storage as of report date:** 7%

How many hours did volunteers save?

**Total Number of Participants for the year (July 1, 2002 - June 30, 2003):** 1515

# Kansas Household Hazardous Waste Program - Annual Report Form

for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

Name of Facility: Pratt County Recycling & HHW

County(ies) Served: Pratt, Kiowa, Comanche, Barber, Harper, & Kingman

Facility Address: 1202 S Main, Pratt, KS 67124

Facility Contact: John Scarbrough

phone#: 620-672-4107

fax#: 620-672-4121

e-mail: john@prattcounty.org

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )		12 pounds per gallon												0
2. NR (Bulk Used Oil )	Oil Recovery	8 pounds per gallon	400		6,000									6,400
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack														0
4. Class 3 (Bulk Oil Based Paint )	Clean Harbors	12 pounds per gallon	500						500					1,000
5. Class 3 (Bulk Fuels/ Fuel Blends)		8 pounds per gallon												0
6. Class 4, Div. 4.1 (Flammable Solids)		When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.												0
7. Class 4, Div. 4.2 (Spontaneously Combustible)														0
8. Class 4, Div. 4.3 (Dangerous when wet)														0
9. Class 5, Div. 5.1 (Oxidizers)														0
10. Class 5, Div. 5.2 (Organic Peroxides)														0
11. Class 6, Div. 6.1 (Poisons)														0
12. Class 6, Div. 6.1 (Dioxin)														0
13. Class 8 (Corrosives, Acids and Bases)														0
14. Class 8 (Batteries - lead Acid)			Car batteries, at 30 pounds each											0
15. Class 8 (Sorted Batteries - NiCd)			For all other batteries report actual weight											0
16. Class 8 (Batteries - Dry Cell)													0	
17. NR (Antifreeze)		Please note conversion factor used to estimate amounts left in storage, if applicable.											0	
18. NR (Non-Hazardous)													0	
19. Other: (Mercury)													0	
20. Other:													0	
21. Other:													0	
22. Other:													0	
Total pounds Managed:			900	0	6,000	0	0	0	500	0	0	0	0	7,400

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost: \$375.00

B. Salaries: \$3,120.00

C. Equipment/Supplies: \$0.00

D. Overhead (Admin & Util): \$663.00

E. Public Education/Advertising: \$0.00

F. Physicals: \$0.00

G. Training: \$175.00

H. Other: \$0.00

TOTAL ANNUAL OPERATIONAL COSTS:

\$4,333.00

Total Cost per Participant: \$7.08

Total Disposal Cost per Participant: 0.61

Average Pound per Participant: 12

Cost to manage per Pound : \$0.59

Average Disposal Cost per Pound: \$0.06

Percent Managed through Waste Exchange: 0%

Percent Contracted for Hazardous Waste disposal: 88%

Percent Managed through Other means: 0%

Percent in Storage as of report date: 12%

How many hours did volunteers save? 60 hours

Total Number of Participants for the year (July 1, 2002 - June 30, 2003):

612

Note: utilities are billed together with recycling building -no way to separate them

# Kansas Household Hazardous Waste Program - Annual Report Form

for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

Name of Facility: Rawlins County

County(ies) Served: Greeley, Wallace, Cheyenne, Rawlins

Facility Address: 1 Mi. South of Atwood on Hwy 25, Atwood, KS

Facility Contact: Jerry Holste

phone#: 785-636-3071/3295

fax#: 785-626-9448

e-mail: atwood01@colbyweb.com

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	Clean Harbors	12 pounds per gallon							5,280					5,280
2. NR (Bulk Used Oil )	Victory Oil	8 pounds per gallon	5,000							5,600				10,600
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Clean Harbors								10					10
4. Class 3 (Bulk Oil Based Paint )	Clean Harbors	12 pounds per gallon							1,320					1,320
5. Class 3 (Bulk Fuels/ Fuel Blends)	Clean Harbors	8 pounds per gallon							704					704
6. Class 4, Div. 4.1 (Flammable Solids)	Clean Harbors	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.							10					10
7. Class 4, Div. 4.2 (Spontaneously Combustible)	Clean Harbors								20					20
8. Class 4, Div. 4.3 (Dangerous when wet)	Clean Harbors								8					8
9. Class 5, Div. 5.1 (Oxidizers)	Clean Harbors								13					13
10. Class 5, Div. 5.2 (Organic Peroxides)	Clean Harbors								85					85
11. Class 6, Div. 6.1 (Poisons)	Clean Harbors								1					1
12. Class 6, Div. 6.1 (Dioxin)	Clean Harbors								125					125
13. Class 8 (Corrosives, Acids and Bases)	Clean Harbors								40					40
14. Class 8 (Batteries - lead Acid)	Colby Salvage	Car batteries, at 30 pounds each							150					150
15. Class 8 (Sorted Batteries - NiCd)		For all other batteries report actual weight							125					125
16. Class 8 (Batteries - Dry Cell)														0
17. NR (Antifreeze)		Please note conversion factor used to estimate amounts left in storage, if applicable.	240											240
18. NR (Non-Hazardous)	Clean Harbors													0
19. Other: (merc	Clean Harbors								5					5
20. Other:														0
21. Other:														0
22. Other:														0
Total pounds Managed:			5,240	0	0	0	0	0	7,896	5,600	0	0	0	18,736

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost: \$6,471.60  
B. Salaries: \$420.00  
C. Equipment/Supplies: \$204.49  
D. Overhead (Admin & Util): \$911.84  
E. Public Education/Advertising: \$300.00  
F. Physicals: \$0.00  
G. Training: \$800.00  
H. Other: \$0.00

TOTAL ANNUAL OPERATIONAL COSTS:

\$9,107.93

Total Cost per Participant: \$113.85

Total Disposal Cost per Participant: 80.90

Average Pound per Participant: 234

Cost to manage per Pound : \$0.49

Average Disposal Cost per Pound: \$0.82

Percent Managed through Waste Exchange:

0%

Percent Contracted for Hazardous Waste disposal:

42%

Percent Managed through Other means:

30%

Percent in Storage as of report date:

28%

How many hours did volunteers save?

70

Total Number of Participants for the year (July 1, 2002 - June 30, 2003):

80

# Kansas Household Hazardous Waste Program - Annual Report Form

for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

Name of Facility: Reno County SW Complex  
County(ies) Served: Reno, Kingman, Rice, Stafford, McPherson, Harvey  
Facility Address: 703 S. Mohawk, Hutchinson, KS 67501

Facility Contact: Dean Chesnut

phone#: 620-694-2976

fax#

620-694-2565

e-mail: dean@publicworks.reno.ks.us

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period)  pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program  pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED	
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy/ Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds		
1. NR (Bulk Latex Paints )	Terris, LLC	12 pounds per gallon							17,749					17,749	
2. NR (Bulk Used Oil )	Victory Oil	8 pounds per gallon								35,000				35,000	
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack	Terris, LLC								2,286					2,286	
4. Class 3 (Bulk Oil Based Paint )	Terris, LLC	12 pounds per gallon							22,964					22,964	
5. Class 3 (Bulk Fuels/ Fuel Blends)		8 pounds per gallon												0	
6. Class 4, Div. 4.1 (Flammable Solids)	Terris, LLC	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.							4,970					4,970	
7. Class 4, Div. 4.2 (Spontaneously Combustible)	Terris, LLC								3,763					3,763	
8. Class 4, Div. 4.3 (Dangerous when wet)														0	
9. Class 5, Div. 5.1 (Oxidizers)														0	
10. Class 5, Div. 5.2 (Organic Peroxides)														0	
11. Class 6, Div. 6.1 (Poisons)														0	
12. Class 6, Div. 6.1 (Dioxin)														0	
13. Class 8 (Corrosives, Acids and Bases)	Terris, LLC								1,600					1,600	
14. Class 8 (Batteries - lead Acid)	Allied Batteries	Car batteries, at 30 pounds each	1,500								34,466			35,966	
15. Class 8 (Sorted Batteries - NiCd)		For all other batteries report actual weight												0	
16. Class 8 (Batteries - Dry Cell)	Terris, LLC								1,011					1,011	
17. NR (Antifreeze)		Please note conversion factor used to estimate amounts left in storage, if applicable.												0	
18. NR (Non-Hazardous)														0	
19. Other: (Mercury)														0	
20. Other:														0	
21. Other:														0	
22. Other:														0	
Total pounds Managed:				1,500	0	0	0	0	0	54,343	35,000	34,466	0	0	125,309

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost: \$49,109.00  
B. Salaries: \$14,853.31  
C. Equipment/Supplies: \$1,577.56  
D. Overhead (Admin & Util): \$0.00

E. Public Education/Advertising: \$250.00  
F. Physicals: \$0.00  
G. Training: \$2,000.00  
H. Other: \_\_\_\_\_

TOTAL ANNUAL OPERATIONAL COSTS: \$67,789.87

How many hours did volunteers save?

Total Number of Participants for the year (July 1, 2002 - June 30, 2003):

Total Cost per Participant:

Total Disposal Cost per Participant:

Average Pound per Participant:

Cost to manage per Pound :

Average Disposal Cost per Pound:

ERR

ERR

ERR

\$0.54

\$0.90

Percent Managed through Waste Exchange

Percent Contracted for Hazardous Waste disposal:

Percent Managed through Other means:

Percent in Storage as of report date:

0%

43%

55%

1%

**Kansas Household Hazardous Waste Program - Annual Report Form**  
**for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)**

Name of Facility: City of Salina  
 County(ies) Served: Saline, Ottawa, Ellsworth, Lincoln  
 Facility Address: 315 E. Elm; Salina, KS 67401

Facility Contact: Sandee Stainbrook phone#: 785-826-6638 fax#: 785-826-7373 e-mail: sandee.stainbrook@salina.org

Waste Category DOT Class (Class description)	Name of Disposal Contract for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE	Wastes DISTRIBUTED	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
			(includes all wastes left in storage at the close of the report period) pounds	through a REUSE Waste Exchange program pounds	Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	in house	12 pounds per gallon	960	16,156									7,750	24,866
2. NR (Bulk Used Oil )	Victory Oil	8 pounds per gallon	2,092							30,040				32,132
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Clean Harbors		25	256					239					520
4. Class 3 (Bulk Oil Based Paint )	Clean Harbors	12 pounds per gallon	980	788		5,069								6,837
5. Class 3 (Bulk Fuels/ Fuel Blends)	Victory Oil	8 pounds per gallon	400	567		2,509								3,476
6. Class 4, Div. 4.1 (Flammable Solids)	Clean Harbors	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.	840	26					3,793					4,659
7. Class 4, Div. 4.2 (Spontaneously Combustible)	Clean Harbors		2						35					37
8. Class 4, Div. 4.3 (Dangerous when wet)	Clean Harbors													0
9. Class 5, Div. 5.1 (Oxidizers)	Clean Harbors		4	38					70					112
10. Class 5, Div. 5.2 (Organic Peroxides)	Clean Harbors													0
11. Class 6, Div. 6.1 (Poisons)	Clean Harbors		570	818					2,011					3,399
12. Class 6, Div. 6.1 (Dioxin)	KDHE		20						243					263
13. Class 8 (Corrosives, Acids and Bases)	Clean Harbors		104	178			473							755
14. Class 8 (Batteries - lead Acid)		Car batteries, at 30 pounds each												0
15. Class 8 (Sorted Batteries - NiCd)	Clean Harbors	For all other batteries report actual weight	80											80
16. Class 8 (Batteries - Dry Cell)	Clean Harbors		500					867						1,367
17. NR (Antifreeze)	Clean Harbors	Please note conversion factor used to estimate amounts left in storage, if applicable.	750	36			3,866							4,652
18. NR (Non-Hazardous)	in house		40	518										558
19. Other: (Mercury)	KDHE		15											15
20. Other:														0
21. Other:														0
22. Other:														0
<b>Total pounds Managed:</b>			7,382	19,381	0	7,578	4,339	867	6,391	30,040	0	0	7,750	83,728

Additional Program summary results:

**Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):**

A. Disposal Cost: \$15,000.00 E. Public Education/Advertising: \$8,000.00  
 B. Salaries: \$30,000.00 F. Physicals: \$0.00  
 C. Equipment/Supplies: \$4,000.00 G. Training: \$1,500.00  
 D. Overhead (Admin & Util): \$2,000.00 H. Other: \$0.00  
**TOTAL ANNUAL OPERATIONAL COSTS: \$60,500.00**

Total Cost per Participant: \$18.84  
 Total Disposal Cost per Participant: 4.67  
 Average Pound per Participant: 26  
 Cost to manage per Pound : \$0.72  
 Average Disposal Cost per Pound: \$0.78

Percent Managed through Waste Exchange 23%  
 Percent Contracted for Hazardous Waste disposal: 23%  
 Percent Managed through Other means: 45%  
 Percent in Storage as of report date: 9%

How many hours did volunteers save?

**Total Number of Participants for the year (July 1, 2002 - June 30, 2003): 3212**

**Kansas Household Hazardous Waste Program - Annual Report Form**  
**for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)**

Name of Facility: Santa Fe HHW  
 County(ies) Served: Ford, Ness, Edwards, Gray, Hodgeman, Meade  
 Facility Address: 10972 113 Road, Dodge City, KS 67801  
 phone#: 620-227-4525 fax#: 620-227-4523

Facility Contact: Jeff Stauth

e-mail: fchhw@dodgecity.net

Waste Category DOT Class (Class description)	Name of Disposal Contract for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE	Wastes DISTRIBUTED	HAZARDOUS WASTES CONTRACTED					Wastes not contracted as Hazardous Waste				Total Pounds COLLECTED
			(includes all wastes left in storage at the close of the report period) pounds	through a REUSE Waste Exchange program pounds	Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	Weed Dept	12 pounds per gallon	1,350							4,248				5,598
2. NR (Bulk Used Oil )	Victory Oil	8 pounds per gallon	2,000							8,240				10,240
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)														0
4. Class 3 (Bulk Oil Based Paint )	Safety Kleen	12 pounds per gallon	1,320		7,900									9,220
5. Class 3 (Bulk Fuels/ Fuel Blends)		8 pounds per gallon												0
6. Class 4, Div. 4.1 (Flammable Solids)		When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.												0
7. Class 4, Div. 4.2 (Spontaneously Combustible)														0
8. Class 4, Div. 4.3 (Dangerous when wet)														0
9. Class 5, Div. 5.1 (Oxidizers)														0
10. Class 5, Div. 5.2 (Organic Peroxides)														0
11. Class 6, Div. 6.1 (Poisons)														0
12. Class 6, Div. 6.1 (Dioxin)														0
13. Class 8 (Corrosives, Acids and Bases)														0
14. Class 8 (Batteries - lead Acid)	Allied Battery	Car batteries, at 30 pounds each	1,245							2,295				3,540
15. Class 8 (Sorted Batteries - NiCd)		For all other batteries report actual weight												0
16. Class 8 (Batteries - Dry Cell)	Allied Battery		220											220
17. NR (Antifreeze)	Weed Dept	Please note conversion factor used to estimate amounts left in storage, if applicable.		375										375
18. NR (Non-Hazardous)														0
19. Other: (Mercury)														0
20. Other:														0
21. Other:														0
22. Other:														0
<b>Total pounds Managed:</b>			6,135	375	7,900	0	0	0	0	14,783	0	0	0	29,193

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost: \$757.12 E. Public Education/Advertising: \$90.00  
 B. Salaries: \$5,569.55 F. Physicals:  
 C. Equipment/Supplies: \$2,475.45 G. Training: \$195.75  
 D. Overhead (Admin & Util): \$1,427.29 H. Other: \$585.88  
 TOTAL ANNUAL OPERATIONAL COSTS: \$11,101.04

Total Cost per Participant: \$40.37  
 Total Disposal Cost per Participant: 2.75  
 Average Pound per Participant: 106  
 Cost to manage per Pound: \$0.38  
 Average Disposal Cost per Pound: \$0.10

Percent Managed through Waste Exchange 1%  
 Percent Contracted for Hazardous Waste disposal: 27%  
 Percent Managed through Other means: 51%  
 Percent in Storage as of report date: 21%

How many hours did volunteers save?

Total Number of Participants for the year (July 1, 2002 - June 30, 2003): 275

**Kansas Household Hazardous Waste Program - Annual Report Form**  
**for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)**

Name of Facility: Sedgwick County HHW  
 County(ies) Served: Sedgwick County HHW  
 Facility Address: 901 Stilwell; Wichita, KS  
 phone#: 316-660-7464

fax#: 316-660-3088

e-mail: kanglin@sedgwick.gov

Facility Contact: Kolin Anglin

Waste Category DOT Class (Class description)	Name of Disposal Contract for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & re-refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )		12 pounds per gallon	6,637	15,604										22,241
2. NR (Bulk Used Oil )	Universal Lubricants	8 pounds per gallon	6,788	1,274						124,200				132,262
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Clean Harbors		134	1,183					3,277					4,594
4. Class 3 (Bulk Oil Based Paint )	Clean Harbors	12 pounds per gallon	450	2,609										3,059
5. Class 3 (Bulk Fuels/ Fuel Blends)	Clean Harbors	8 pounds per gallon	823	5,804		267,709								274,336
6. Class 4, Div. 4.1 (Flammable Solids)	Clean Harbors	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.	5	205					40					250
7. Class 4, Div. 4.2 (Spontaneously Combustible)	Clean Harbors		5	6					97					108
8. Class 4, Div. 4.3 (Dangerous when wet)	Clean Harbors								14					14
9. Class 5, Div. 5.1 (Oxidizers)	Clean Harbors		95	263					778					1,136
10. Class 5, Div. 5.2 (Organic Peroxides)	Clean Harbors		5						17					22
11. Class 6, Div. 6.1 (Poisons)	Clean Harbors		180	1,761					19,009					20,950
12. Class 6, Div. 6.1 (Dioxin)	Clean Harbors													0
13. Class 8 (Corrosives, Acids and Bases)	Clean Harbors		339	501			5,493							6,333
14. Class 8 (Batteries - lead Acid)	All-Pak Batteries	Car batteries, at 30 pounds each	280	101	80					20,400				20,861
15. Class 8 (Sorted Batteries - NiCd)	RBRC	For all other batteries report actual weight	400		71					370				841
16. Class 8 (Batteries - Dry Cell)	Clean Harbors				885					535				1,420
17. NR (Antifreeze)	Antifreeze Recyclers of Kansas	Please note conversion factor used to estimate amounts left in storage,  if applicable.	1,100	793	18,934									20,827
18. NR (Non-Hazardous)	Waste Connections		3,446	11,717	1,436				751				211,260	228,610
19. Other: (Mercury)	Clean Harbors		25		26									51
20. Other: PCBs	Clean Harbors		20					2,834						2,854
20. Other: Cylinders	Haz-Mat Response		450							465				915
21. Other: Isocyanates & Amines	Clean Harbors		235						759					994
22. Other:	Clean Harbors													0
<b>Total pounds Managed:</b>			21,417	41,821	21,432	267,709	5,493	0	27,576	145,970	0	0	211,260	742,678

Additional Program summary results:

**Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):**

A. Disposal Cost: \$234,199.26  
 B. Salaries: \$125,660.71  
 C. Equipment/Supplies: \$7,954.00  
 D. Overhead (Admin & Util): \$20,954.10  
 E. Public Education/Advertising: \$0.00  
 F. Physicals: \$0.00  
 G. Training: \$0.00  
 H. Other: (\$7,559.55)  
**TOTAL ANNUAL OPERATIONAL COSTS:** \$381,208.52

Total Cost per Participant: \$42.91  
 Total Disposal Cost per Participant: 26.36  
 Average Pound per Participant: 84  
 Cost to manage per Pound : \$0.51  
 Average Disposal Cost per Pound: \$0.73

Percent Managed through Waste Exchange Program: 6%  
 Percent Contracted for Hazardous Waste disposal: 43%  
 Percent Managed through Other means: 48%  
 Percent in Storage as of report date: 3%

How many hours did volunteers save?

**Total Number of Participants for the year (July 1, 2002 - June 30, 2003):** 8883



**Name of Facility:** Seward County HHW  
**County(ies) Served:** Seward  
**Facility Address:** R R 2, Box 440; Liberal, KS 67901  
**phone#:** 620-626-3266

fax#: 620-626-4032

Waste Category		Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period)	Wastes DISTRIBUTED through a REUSE Waste Exchange program	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED	
DOT Class (Class description)				pounds	pounds	Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds		
1. NR (Bulk Latex Paints )			12 pounds per gallon												1,320	1,320
2. NR (Bulk Used Oil )	Safety Kleen		8 pounds per gallon								7,600					7,600
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Clean Harbors			20	28											48
4. Class 3 (Bulk Oil Based Paint )	Clean Harbors		12 pounds per gallon	500												500
5. Class 3 (Bulk Fuels/ Fuel Blends)	Clean Harbors		8 pounds per gallon													0
6. Class 4, Div. 4.1 (Flammable Solids)	Clean Harbors	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.														0
7. Class 4, Div. 4.2 (Spontaneously Combustible)	Clean Harbors															0
8. Class 4, Div. 4.3 (Dangerous when wet)	Clean Harbors															0
9. Class 5, Div. 5.1 (Oxidizers)	Clean Harbors			7												7
10. Class 5, Div. 5.2 (Organic Peroxides)	Clean Harbors			2												2
11. Class 6, Div. 6.1 (Poisons)	Clean Harbors			50												50
12. Class 6, Div. 6.1 (Dioxin)	Clean Harbors															0
13. Class 8 (Corrosives, Acids and Bases)	Clean Harbors			50												50
14. Class 8 (Batteries - lead Acid)	Barkdoll Recycling		Car batteries, at 30 pounds each	1,410							7,290					8,700
15. Class 8 (Sorted Batteries - NiCd)	Clean Harbors		For all other batteries report actual weight	2												2
16. Class 8 (Batteries - Dry Cell)	Clean Harbors															0
17. NR (Antifreeze)	Clean Harbors	Please note conversion factor used to estimate amounts left in storage, if applicable.		440												440
18. NR (Non-Hazardous)																0
19. Other: (Mercury)				200												200
20. Other: (PCBs)	Clean Harbors			516												516
21. Other:																0
22. Other:																0
Total pounds Managed:				3,197	28	0	0	0	0	0	14,890	0	0	1,320		19,438

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):				Total Cost per Participant:		\$15.62		Percent Managed through Waste Exchange		0%	
A. Disposal Cost:	\$2,513.93	E. Public Education/Advertising:	\$0.00	Total Disposal Cost per Participant:	5.41		Percent Contracted for Hazardous Waste disposal:		0%		
B. Salaries:	\$3,250.00	F. Physicals	\$0.00	Average Pound per Participant:	42		Percent Managed through Other means:		83%		
C. Equipment/Supplies:	\$500.00	G. Training	\$500.00	Cost to manage per Pound :	\$0.37		Percent in Storage as of report date:		16%		
D. Overhead (Admin & Util):	\$500.00	H. Other	\$0.00	Average Disposal Cost per Pound:	ERR						
TOTAL ANNUAL OPERATIONAL COSTS:			\$7,263.93								

How many hours did volunteers save?

Total Number of Participants for the year (July 1, 2002 - June 30, 2003): 465

**Kansas Household Hazardous Waste Program - Annual Report Form**  
**for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)**

Name of Facility: Shawnee County HHW  
 County(ies) Served: Shawnee County HHW  
 Facility Address: 131 NE 46th Street; Topeka, KS

Facility Contact: Kim Nettleton

phone#: 785-233-6147

fax#: 785-291-4918

e-mail: kim.nettleton@co.shawnee.ks.us

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	Shawnee County	12 pounds per gallon	1,680	57,484										59,164
2. NR (Bulk Used Oil )	Safety-Kleen	8 pounds per gallon		197						72,680				72,877
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Haz-Mat, Onyx Clean Harbors			44	75				460					579
4. Class 3 (Bulk Oil Based Paint )	Systech	12 pounds per gallon		2,035		78,490			450					80,975
5. Class 3 (Bulk Fuels/ Fuel Blends)	Haz-Mat, Onyx Clean Harbors	8 pounds per gallon		976					2,059					3,035
6. Class 4, Div. 4.1 (Flammable Solids)	Haz-Mat, Onyx Clean Harbors	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.												0
7. Class 4, Div. 4.2 (Spontaneously Combustible)	Haz-Mat, Onyx Clean Harbors								1					1
8. Class 4, Div. 4.3 (Dangerous when wet)	Haz-Mat, Onyx Clean Harbors								3					3
9. Class 5, Div. 5.1 (Oxidizers)	Haz-Mat, Onyx Clean Harbors			251			3		218					472
10. Class 5, Div. 5.2 (Organic Peroxides)	Haz-Mat, Onyx Clean Harbors													0
11. Class 6, Div. 6.1 (Poisons)	Haz-Mat, Onyx Clean Harbors			717					2,255					2,972
12. Class 6, Div. 6.1 (Dioxin)	Haz-Mat, Onyx Clean Harbors								791					791
13. Class 8 (Corrosives, Acids and Bases)	Haz-Mat, Onyx Clean Harbors			174			10					182		366
14. Class 8 (Batteries - lead Acid)	Haz-Mat, Onyx Clean Harbors						10			2,723				2,733
15. Class 8 (Sorted Batteries - NiCd)	Haz-Mat, Onyx Clean Harbors				455									455
16. Class 8 (Batteries - Dry Cell/Lithium)	Haz-Mat, Onyx Clean Harbors				17				157					174
17. NR (Antifreeze)	Haz-Mat, Onyx Clean Harbors	Please note conversion factor used to estimate amounts left in storage, if applicable.		5,481										5,481
18. NR (Non-Hazardous)	Haz-Mat, Onyx Clean Harbors			595					95					690
19. Other: (Mercury)	Haz-Mat, Onyx Clean Harbors													0
20. Other: Compressed Gas Cylinders	Haz-Mat, Onyx Clean Harbors									383				383
21. Other: Aerosol Poisons & Corrosives	Haz-Mat, Onyx Clean Harbors			28					30					58
22. Other: Batteries - Wet Alkali	Haz-Mat, Onyx Clean Harbors													0
23. Other: Batteries - Potassium Hydroxide	Haz-Mat, Onyx Clean Harbors				500									500
24. Other:														0
25. Other Liquid/Solid & PCBs	Haz-Mat, Onyx Clean Harbors								847					847
<b>Total pounds Managed:</b>			1,680	67,982	1,047	78,490	23	0	7,366	75,786	0	182	0	232,556

Additional Program summary results:

**Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):**

A. Disposal Cost: \$37,732.25  
 B. Salaries: \$50,076.02  
 C. Equipment/Supplies: \$9,227.40  
 D. Overhead (Admin & Util): \$5,006.89  
**TOTAL ANNUAL OPERATIONAL COSTS:** \$105,526.49

E. Public Education/Advertising:

F. Physicals

G. Training

H. Other

Total Cost per Participant: \$58.63

Total Disposal Cost per Participant: 20.96

Average Pound per Participant: 129

Cost to manage per Pound : \$0.45

Average Disposal Cost per Pound: \$0.43

Percent Managed through Waste Exchange Program: 29%

Percent Contracted for Hazardous Waste disposal: 37%

Percent Managed through Other means: 33%

Percent in Storage as of report date: 1%

How many hours did volunteers save?

**Total Number of Participants for the year (July 1, 2002 - June 30, 2003):** 1800

**Kansas Household Hazardous Waste Program - Annual Report Form**  
for State Fiscal Year 2003 July 1, 2002 to June 30, 2003)

Name of Facility: Sumner County  
County(ies) Served: Sumner County  
Facility Address: 320 S. West Road; Wellington, KS 67152

Facility Contact: Nita Simonton

phone#: 620-326-5951

fax#: 620-326-7844

e-mail:

Waste Category DOT Class (Class description)	Name of Disposal Contract for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )		12 pounds per gallon												0
2. NR (Bulk Used Oil )		8 pounds per gallon	1,280								5,680			6,960
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)			109											109
4. Class 3 (Bulk Oil Based Paint )		12 pounds per gallon	476											476
5. Class 3 (Bulk Fuels/ Fuel Blends)		8 pounds per gallon	466			4,600								5,066
6. Class 4, Div. 4.1 (Flammable Solids)		When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.	121						800					921
7. Class 4, Div. 4.2 (Spontaneously Combustible)														0
8. Class 4, Div. 4.3 (Dangerous when wet)														0
9. Class 5, Div. 5.1 (Oxidizers)			57											57
10. Class 5, Div. 5.2 (Organic Peroxides)			1											1
11. Class 6, Div. 6.1 (Poisons)			57						180					237
12. Class 6, Div. 6.1 (Dioxin)									10					10
13. Class 8 (Corrosives, Acids and Bases)			63						200					263
14. Class 8 (Batteries - lead Acid)		Car batteries, at 30 pounds each												0
15. Class 8 (Sorted Batteries - NiCd)		For all other batteries report actual weight	16		46									62
16. Class 8 (Batteries - Dry Cell)														0
17. NR (Antifreeze)		Please note conversion factor used to estimate amounts left in storage, if applicable.	851				500							1,351
18. NR (Non-Hazardous)			440			500								940
19. Other: (Mercury)														0
20. Other:														0
21. Other:														0
22. Other: (Isocyanates & Amines)			76											76
<b>Total pounds Managed:</b>			4,013	0	46	5,100	500	0	1,190	0	5,680	0	0	16,529

Additional Program summary results:				Total Cost per Participant:		Percent Managed through Waste Exchange		0%	
Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):				Total Disposal Cost per Participant:		Percent Contracted for Hazardous Waste disposal:		41%	
A. Disposal Cost:	\$3,482.94	E. Public Education/Advertising:	\$899.50	Average Pound per Participant:		Percent Managed through Other means:		34%	
B. Salaries:	\$6,453.23	F. Physicals:	\$0.00	Cost to manage per Pound :		Percent in Storage as of report date:		24%	
C. Equipment/Supplies:	\$0.00	G. Training:	\$123.63	Average Disposal Cost per Pound:					
D. Overhead (Admin & Util):	\$5,822.26	H. Other:							
TOTAL ANNUAL OPERATIONAL COSTS:			\$16,781.56						
How many hours did volunteers save?									
Total Number of Participants for the year (July 1, 2002 - June 30, 2003):				107					

**Kansas Household Hazardous Waste Program - Annual Report Form**  
**for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)**

Name of Facility: Thomas County  
 County(ies) Served: Thomas County  
 Facility Address: 190 W. 4th Street; Colby, KS

Facility Contact: Sandy Swob

phone#: 785-462-4525

fax#: 785-462-4527

e-mail: tap@colby.ikks.com

Waste Category DOT Class (Class description)	Name of Disposal Contract for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at a cost				Total Pounds COLLECTED	
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds		
1. NR (Bulk Latex Paints )	Clean Harbors	12 pounds per gallon	1,333	2,185										383	3,901
2. NR (Bulk Used Oil )	Clean Harbors	8 pounds per gallon		8											8
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack	Clean Harbors		15	3											18
4. Class 3 (Bulk Oil Based Paint )	Clean Harbors	12 pounds per gallon	1,320	51											1,371
5. Class 3 (Bulk Fuels/ Fuel Blends)	Clean Harbors	8 pounds per gallon	161	21											182
6. Class 4, Div. 4.1 (Flammable Solids)	Clean Harbors	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.													0
7. Class 4, Div. 4.2 (Spontaneously Combustible)	Clean Harbors		1												1
8. Class 4, Div. 4.3 (Dangerous when wet)	Clean Harbors														0
9. Class 5, Div. 5.1 (Oxidizers)	Clean Harbors		12												12
10. Class 5, Div. 5.2 (Organic Peroxides)	Clean Harbors		1												1
11. Class 6, Div. 6.1 (Poisons)	Clean Harbors		386	108											494
12. Class 6, Div. 6.1 (Dioxin)	Clean Harbors														0
13. Class 8 (Corrosives, Acids and Bases)	Clean Harbors		100	3											103
14. Class 8 (Batteries - lead Acid)	Colby Metal Salvage	Car batteries, at 30 pounds each	150												150
15. Class 8 (Sorted Batteries - NiCd)	Clean Harbors	For all other batteries report actual weight	4												4
16. Class 8 (Batteries - Dry Cell)	Clean Harbors		32												32
17. NR (Antifreeze)	Clean Harbors	Please note conversion factor used to estimate amounts left in storage, if applicable.											19		19
18. NR (Non-Hazardous)	Clean Harbors		134	54										4	192
19. Other: (Mercury)	Clean Harbors		19												19
20. Other:	Clean Harbors														0
21. Other:															0
22. Other:															0
<b>Total pounds Managed:</b>			3,668	2,433	0	0	0	0	0	0	0	0	19	387	6,507

Additional Program summary results:

<b>Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):</b>				<b>Total Cost per Participant:</b> \$225.86		<b>Percent Managed through Waste Exchange</b> 37%	
A. Disposal Cost:	\$0.00	E. Public Education/Advertising:	\$0.00	Total Disposal Cost per Participant:	0.00	Percent Contracted for Hazardous Waste disposal:	0%
B. Salaries:	\$1,671.00	F. Physicals	\$0.00	Average Pound per Participant:	181	Percent Managed through Other means:	6%
C. Equipment/Supplies:	\$178.00	G. Training	\$489.00	Cost to manage per Pound :	\$1.25	Percent in Storage as of report date:	56%
D. Overhead (Admin & Util):	\$1,593.00	H. Other	\$4,200.00	Average Disposal Cost per Pound:	\$0.00		
<b>TOTAL ANNUAL OPERATIONAL COSTS:</b>			<b>\$8,131.00</b>				

How many hours did volunteers save? 30.75

**Total Number of Participants for the year (July 1, 2002 - June 30, 2003):** 36

**Kansas Household Hazardous Waste Program - Annual Report Form**  
**for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)**

Name of Facility: Wyandotte County/Kansas City, Kansas  
 County(ies) Served: Wyandotte  
 Facility Address: 2443 S. 88th St.; Kansas City, KS

Facility Contact: Naser Bahadori phone#: 913-573-5414 fax#: 913-573-5435 e-mail: nbahadori@wycokck.org

Waste Category DOT Class (Class description)	Name of Disposal Contract for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at a cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	PSC	12 pounds per gallon						23,361						23,361
2. NR (Bulk Used Oil )	PSC	8 pounds per gallon				17,674								17,674
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	PSC								1,190					1,190
4. Class 3 (Bulk Oil Based Paint )	PSC	12 pounds per gallon				6,573								6,573
5. Class 3 (Bulk Fuels/ Fuel Blends)	PSC	8 pounds per gallon				6,567								6,567
6. Class 4, Div. 4.1 (Flammable Solids)	PSC	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.							1					1
7. Class 4, Div. 4.2 (Spontaneously Combustible)	PSC								10					10
8. Class 4, Div. 4.3 (Dangerous when wet)	PSC								1					1
9. Class 5, Div. 5.1 (Oxidizers)	PSC								28					28
10. Class 5, Div. 5.2 (Organic Peroxides)	PSC								1					1
11. Class 6, Div. 6.1 (Poisons)	PSC								5,834					5,834
12. Class 6, Div. 6.1 (Dioxin)														0
13. Class 8 (Corrosives, Acids and Bases)	PSC						718							718
14. Class 8 (Batteries - lead Acid)		Car batteries, at 30 pounds each								10,500				10,500
15. Class 8 (Sorted Batteries - NiCd)	PSC	For all other batteries report actual weight			43									43
16. Class 8 (Batteries - Dry Cell/Lithium)	PSC				9			841						850
17. NR (Antifreeze)	PSC	Please note conversion factor used to estimate amounts left in storage, if applicable.							1,867					1,867
18. NR (Non-Hazardous)	PSC													0
19. Other: (Mercury)	PSC				6									6
20. Other: Waste Tires	Tire Energy										122,320			122,320
21. Other: (PCBs)	PSC							165						165
22. Other:														0
<b>Total pounds Managed:</b>			0	0	58	30,814	718	24,367	8,932	10,500	122,320	0	0	197,709

Additional Program summary results:

<b>Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):</b>				<b>Total Cost per Participant:</b> \$68.54		<b>Percent Managed through Waste Exchange</b> 0%	
A. Disposal Cost:	\$39,175.00	E. Public Education/Advertising:	\$9,800.00	Total Disposal Cost per Participant:	34.07	Percent Contracted for Hazardous Waste disposal:	33%
B. Salaries:	\$21,500.00	F. Physicals	\$0.00	Average Pound per Participant:	172	Percent Managed through Other means:	67%
C. Equipment/Supplies:	\$4,150.00	G. Training	\$0.00	Cost to manage per Pound :	\$0.40	Percent in Storage as of report date:	0%
D. Overhead (Admin & Util):	\$4,200.00	H. Other	\$0.00	Average Disposal Cost per Pound:	\$0.60		
TOTAL ANNUAL OPERATIONAL COSTS:				\$78,825.00			

How many hours did volunteers save?

**Total Number of Participants for the year (July 1, 2002 - June 30, 2003):** 1150



# Kansas Household Hazardous Waste Program - Annual Report Form

*for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)*

## Waste Types - FY 2003

### State Wide Summary

Facility	Latex Paint	Used Oil	Lab Packed Aerosols	Oil Based Paint	Bulk Fuels	Flammable Solids	Spontaneously Combustible	Dangerous When Wet	Oxidizers	Organic Peroxides	Poisons	Dioxin	Corrosives	Lead Acid Batteries	Ni Cd Batteries	Dry Cell Batteries	Antifreeze	Non-Hazardous	Mercury	Other	Total Collected	%
Barton Co.	7,044	14,880	388	44	5,464	454	0	0	39	509	20	22	569	8,521	63	481	1,200	1,208	18	1,359	42,283	1.0%
Big Lakes Region	69,460	454,864	5,362	84,686	4,833	387	9	40	531	6	18,569	918	4,106	108,895	1,111	4,480	5,799	830	394	127,526	892,806	22.1%
Butler Co.	757	26,880	925	0	19,930	0	0	0	209	0	1,640	0	520	16,040	0	120	1,550	0	0	264	68,835	1.7%
Cowley County	180	5,560	200	60	3,120	15	0	0	35	0	230	0	90	4,680	300	25	1,352	0	0	0	15,847	0.4%
City of Kansas City	23,361	17,674	1,190	6,573	6,567	1	10	1	28	1	5,834	0	718	10,500	43	850	1,867	0	6	122,485	197,709	4.9%
City of Lawrence/Dc	29,622	19,870	2,265	22,158	3,825	54	13	0	417	0	4,836	70	2,108	3,090	420	2,885	2,570	0	36	1,449	95,688	2.4%
City of Olathe	50,100	23,200	1,153	27,930	6,497	165	0	0	105	0	4,100	10	466	8,100	5	6	2,650	2,050	1	40	126,578	3.1%
City of Salina	24,866	32,132	520	6,837	3,476	4,659	37	0	112	0	3,399	263	755	0	80	1,367	4,652	558	15	0	83,728	2.1%
Ellis Co. Region	23,634	9,329	96	13,397	3,152	138	3	11	109	32	3,354	105	641	5,243	142	1,806	466	7,566	278	1,129	70,631	1.8%
Ford Co. (Santa Fa)	5,598	10,240	0	9,220	0	0	0	0	0	0	0	0	0	3,540	0	220	375	0	0	0	29,193	0.7%
Ft. Riley	50	11	5	0	0	2	0	4	0	0	0	0	0	0	0	0	0	22	0	0	94	0.0%
Greenwood Co.	2,816	0	0	0	0	0	0	0	0	0	35	0	5	0	10	0	0	0	1	0	2,867	0.1%
Harvey Co.	0	54,000	1,320	0	6,600	3,080	0	0	0	0	7,480	0	440	7,500	30	160	2,200	17,160	0	800	100,770	2.5%
Jefferson Co.	8,479	61,320	0	5,574	399	0	0	0	38	0	211	0	44	5,600	0	73	0	0	0	0	81,738	2.0%
Jewell Co.	178	0	0	36	0	0	0	0	84	0	763	0	124	0	0	0	0	0	0	0	1,185	0.0%
Johnson Co.	80,600	23,400	7,400	85,500	14,300	132	0	52	963	0	14,300	285	3,443	24,480	212	0	5,700	233,500	0		494,267	12.3%
Lake Region	42,397	119,300	572	39,333	7,723	476	1	80	364	0	3,895	110	1,452	46,375	413	2,183	849	1,702	5	19	267,249	6.6%
Leavenworth Co.	6,900	35,320	100	2,800	800	0	0	0	0	0	1,260	0	40	29,730	0	0	0	0	0	0	76,950	1.9%
Lyon Co.	13,200	6,480	0	1,992	42,152	440	0	0	0	0	5,656	0	8,056	40	30	0	568	11,420	0	0	90,034	2.2%
Marion Co.	7,249	6,490	27	3,248	0	583	0	1	8	0	30	0	139	4,275	32	377	123	1,579	0	482	24,643	0.6%
McPherson Co.	0	4,800	710	12,353	0	0	0	0	38	0	1,230	0	240	5,640	0	0	0	560	0		25,571	0.6%
Montgomery Co.	24,200	6,580	2,400	7,700	0	900	250	0	20	0	20	0	561	2,760	140	80	1,360	0	0	4,790	51,761	1.3%
Norton Co.	2,800	17,600	0	660	0	0	0	0	0	0	0	0	0	980	160	1,050	0	0	0	0	23,250	0.6%
Rawlins Co.	5,280	10,600	10	1,320	704	10	20	8	13	85	1	125	40	150	125	0	240	0	5		18,736	0.5%
Reno Co.	17,749	35,000	2,286	22,964	0	4,970	3,763	0	0	0	0	0	1,600	35,966	0	1,011		0			125,309	3.1%
Seward Co.	1,320	7,600	48	500	0	0	0	0	7	2	50	0	50	8,700	2	0	440	0	200	516	19,435	0.5%
Shawnee Co.	59,164	72,877	579	80,975	3,035	0	1	3	472	0	2,972	791	366	2,733	455	174	5,481	690	0	1,788	232,556	5.8%
Sumner Co.	0	6,960	109	476	5,066	921	0	0	57	1	237	10	263	0	62	0	1,351	940	0	76	16,529	0.4%
Sunflower RC & D	0	6,400	0	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,400	0.2%
Thomas Co.	3,901	8	18	1,371	182	0	1	0	12	1	494	0	103	150	4	32	19	192	19	0	6,507	0.2%
Wichita/Sedgwick C	22,241	132,262	4,594	3,059	274,336	250	108	14	1,136	22	20,950	0	6,333	20,861	841	1,420	20,827	228,610	51	4,763	742,678	18.4%
<b>Total pounds Managed:</b>	<b>533,146</b>	<b>1,221,637</b>	<b>32,277</b>	<b>441,766</b>	<b>412,161</b>	<b>17,637</b>	<b>4,216</b>	<b>214</b>	<b>4,797</b>	<b>659</b>	<b>101,566</b>	<b>2,709</b>	<b>33,272</b>	<b>364,549</b>	<b>4,680</b>	<b>18,800</b>	<b>61,639</b>	<b>508,587</b>	<b>1,029</b>	<b>267,486</b>	<b>4,032,827</b>	<b>100.0%</b>
<b>% of total HHW</b>	<b>13.2%</b>	<b>30.3%</b>	<b>0.8%</b>	<b>11.0%</b>	<b>10.2%</b>	<b>0.4%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>2.5%</b>	<b>0.1%</b>	<b>0.8%</b>	<b>9.0%</b>	<b>0.1%</b>	<b>0.5%</b>	<b>1.5%</b>	<b>12.6%</b>	<b>0.0%</b>	<b>6.6%</b>	<b>100.0%</b>	

# Kansas Household Hazardous Waste Program - Annual Report Form

*for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)*

## HHW Program Expenses - FY 03

### State Wide Summary

Facility	\$ Spent Disposal	\$ Spent Salaries	\$ Spent Equipment/supplies	\$ Spent Overhead	\$ Spent Public Ed	\$ Spent Physicals	\$ Spent Training	\$ Spent Other	# participants	Total pounds of HHW reported	Total pounds of HHW in storage	Pounds of HW contracted for disposal	Total \$ spent on HHW program
Barton Co	10,348	5,200	450	300	100	0	200	0	607	42,067	1,549	8,192	\$16,598
Big Lakes	43,982	65,870	20,121	26,849	450	0	2,095	27,613	4,123	766,738	186,065	96,269	\$186,980
Butler Co.	12,993	2,500	0	322	551	0	42	0	464	68,835	0	24,724	\$16,408
Cowley County	1,305	0	337	0	0	0	0	100	118	12,162	2,580	3,230	\$1,742
City of Kansas City	39,175	21,500	4,150	4,200	9,800	0	0	0	1,150	197,671	0	64,889	\$78,825
City of Lawrence	36,880	29,884	10,549	8,778	9,646	270	410	140	1,681	95,688	0	41,427	\$96,556
City of Olathe	39,000	8,000	4,200	5,250	1,000	0	300	0	1,515	126,217	9,382	42,296	\$57,750
City of Salina	15,000	30,000	4,000	2,000	8,000	0	1,500	0	3,212	79,888	7,382	19,175	\$60,500
Ellis Co. Region	20,768	6,842	667	4,164	409	0	0	496	1,328	68,810	1,546	23,272	\$33,346
Ford Co.	757	5,570	2,475	1,427	90	0	196	586	275	28,123	6,135	7,900	\$11,101
Fort Riley	0	1,092	0	0	50	0	0	0	3	95	95	0	\$1,142
Greenwood Co.	0	3,800	0	0	0	0	550	0	53	2,867	51	0	\$4,350
Harvey Co.	20,000	21,000	5,000	900	200	0	2,000	0	2,040	100,770	0	39,080	\$49,100
Jefferson Co.	3,247	8,000	2,335	0	1,675	0	0	0	343	70,158	9,280	7,658	\$15,257
Jewell Co.	1,412	150	250	95	45	0	210	0	78	1,040	772	271	\$2,162
Johnson Co.	91,300	132,000	12,600	3,800	2,300	0	1,338	3,500	5,520	494,267	0	126,375	\$246,838
Lake Region	16,794	20,820	4,388	8,270	1,063	0	2,737	0	2,227	199,049	51,043	32,611	\$54,072
Leavenworth Co.	9,876	10,000	300	0	0	0	200	0	677	76,950	0	71,950	\$20,376
Lyon Co.	17,714	26,867	28,588	2,893	1,250	0	530	0	773	90,034	0	41,840	\$77,842
Marion Co.	5,834	36,461	948	1,020	439	0	222	0	278	19,374	4,333	3,027	\$44,924
McPherson Co.	25,681	8,625	2,425	0	0	0	295	0	401	25,571	0	15,131	\$37,026
Montgomery Co.	12,000	5,500	1,300	1,300	0	0	0	0	480	42,101	11,270	38,041	\$20,100
Norton Co.	2,276	24,000	0	200	0	0	762	0	25	22,450	1,400	4,510	\$27,238
Rawlins Co.	6,472	420	204	912	300	0	800	0	80	18,736	5,240	7,896	\$9,108
Reno Co.	49,109	14,853	1,578	0	250	0	2,000	0	900	121,709	1,500	54,343	\$67,790
Seward Co.	2,514	3,250	500	500	0	0	500	0	465	14,515	3,197	0	\$7,264
Shawnee Co.	37,732	50,076	9,227	5,007	1,035	1,356	382	710	1,800	225,896	1,680	86,926	\$105,525
Sumner Co.	3,483	6,453	0	5,822	900	0	124	0	107	14,042	4,013	6,836	\$16,781
Sunflower RC & D	375	3,120	0	663	0	0	175	0	612	7,400	900	6,500	\$4,333
Thomas Co.	0	1,671	178	1,593	0	0	489	4,200	36	(1,087)	3,668	0	\$8,131
Wichita/Sedgwick Co.	234,199	125,661	7,954	20,954	0	0	0	0	8,883	720,394	21,417	322,210	\$388,768
<b>Totals:</b>	\$760,225	\$679,185	\$124,724	\$107,219	\$39,553	\$1,626	\$18,056	\$37,344	40,254	3,752,530	334,498	1,196,579	\$1,767,933
<b>% of Total</b>	43%	38%	7%	6%	2%	0%	1%	2%			9%	32%	

Additional Program summary results:

Total Cost per Participant: \$43.92  
 Total Disposal Cost per Participant \$18.89  
 Average Pound per Participant: 87  
 Cost to Manage per Pound: \$0.47  
 Average Disposal Cost per Pound: \$0.64

Total Pounds HHW Reported: 3,752,530  
 Pounds of HHW in Storage from FY 2002: 262,517  
 Total Pounds of HHW Collected (Pounds Reported - FY2002 Waste in Storage): 3,490,013  
 Pounds HW Contracted for Disposal: 1,196,579



Kansas Household Hazardous Waste Program - Annual Report Form  
for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

**HHW Disposal - FY 03**

*State Wide Summary*

Facility	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a Cost				Incineration (HW) pounds	Wastes not contracted as Hazardous Waste				Total Pounds COLLECTED	Percent of Total
			Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds		Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer	Landfilled at Non HAZ MSW LF pounds		
Barton Co.	1,549	4,805	18	0	0	0	8,174	24,211	0	0	3,627	42,384	1.1%
Big Lakes	186,065	136,113	4,469	64,200	0	0	27,600	94,069	375,072	1,208	4,010	892,806	22.1%
Butler Co.	0	1,191	0	19,680	450	120	4,474	16,040	26,880	0	0	68,835	1.7%
Cowley Co.	2,580	1,367	300	2,800	0	0	130	4,110	4,560	0	0	15,847	0.4%
City of Kansas City	0	0	58	30,814	718	24,367	8,932	10,500	122,320	0	0	197,709	4.9%
City of Lawrence/Douglas Co.	0	6,745	2,394	24,303	2,044	2,955	9,731	21,120	98	0	26,298	95,688	2.4%
City of Olathe	9,382	8,880	2,240	12,287	466	0	27,303	30,500	0	0	35,520	126,578	3.1%
City of Salina	7,382	19,381	0	7,578	4,339	867	6,391	30,040	0	0	7,750	83,728	2.1%
Ellis Co. Region	1,546	9,814	1,795	15,062	4,601	1,814	0	5,587	9,058	0	21,354	70,631	1.8%
Ford Co. (Santa Fa)	6,135	375	7,900	0	0	0	0	14,783	0	0	0	29,193	0.7%
Ft. Riley	95	0	0	0	0	0	0	0	0	0	0	95	0.0%
Greenwood Co.	51	0	0	0	0	0	0	0	0	0	2,816	2,867	0.1%
Harvey Co.	0	0	0	6,600	0	19,360	13,120	7,690	54,000	0	0	100,770	2.5%
Jefferson	9,280	3,200	0	5,574	44	1,392	648	5,600	56,000	0	0	81,738	2.0%
Jewell	772	142	0	0	271	0	0	0	0	0	0	1,185	0.0%
Johnson	0	135,600	0	99,800	3,443	285	22,847	48,092	0	5,700	178,500	494,267	12.3%
Lake Region	51,043	28,158	4,505	5,091	660	0	22,355	130,510	12,480	297	12,150	267,249	6.6%
Leavenworth Co.	0	0	29,730	35,320	0	6,900	0	5,000	0	0	0	76,950	1.9%
Lyon Co.	0	30,224	0	0	0	0	41,840	70	6,480	0	11,420	90,034	2.2%
Marion Co.	4,333	486	0	0	3,027	0	0	4,200	5,170	0	7,427	24,643	0.6%
McPherson	0	0	0	0	278	14,143	710	10,440	0	0	0	25,571	0.6%
Montgomery	11,270	2,450	0	0	0	0	38,041	0	0	0	0	51,761	1.3%
Norton Co.	1,400	160	160	660	0	3,690	0	17,180	0	0	0	23,250	0.6%
Rawlins Co.	5,240	0	0	0	0	0	7,896	5,600	0	0	0	18,736	0.5%
Reno Co.	1,500	0	0	0	0	0	54,343	35,000	34,466	0	0	125,309	3.1%
Seward Co.	3,197	28	0	0	0	0	0	14,890	0	0	1,320	19,435	0.5%
Shawnee Co.	1,680	67,982	1,047	78,490	23	0	7,366	75,786	0	182	0	232,556	5.8%
Sumner Co.	4,013	0	46	5,100	500	0	1,190	0	5,680	0	0	16,529	0.4%
Sunflower RC & D (Pratt Co.)	900	0	6,000	0	0	0	500	0	0	0	0	7,400	0.2%
Thomas	3,668	2,433	0	0	0	0	0	0	0	19	387	6,507	0.2%
Wichita/Sedgwick Co.	21,417	41,821	21,432	267,709	5,493	0	27,576	145,970	0	0	211,260	742,678	18.4%
<b>Total pounds Managed:</b>	334,498	501,355	82,094	681,068	26,357	75,893	331,167	756,988	712,264	7,406	523,839	4,032,929	100.0%
% of total pounds Managed:	8.29%	12.43%	2.04%	16.89%	0.65%	1.88%	8%	18.77%	17.66%	0.18%	12.99%		

# Kansas Household Hazardous Waste Program - Annual Report Form

## HHW Program Summary - FY 95-03

*State Wide Summary*

Facility	\$ Spent Disposal	\$ Spent Salaries	\$ Spent Equipment/supplies	\$ Spent Overhead	\$ Spent Public Ed	\$ Spent Physicals	\$ Spent Training	\$ Spent Other	Total(\$)	# participants	Total Pounds HHW Collected	Pounds HHW Collected per Participant	Pounds HHW Contracted For Disposal
FY-95	330,033	288,391	106,907	52,650	39,830	1,989	43,964	27,710	863,764	13,103	1,204,867	92	404,509
FY-96	355,258	261,930	79,164	74,801	24,733	4,145	26,743	41,953	826,774	14,506	1,604,897	111	464,079
FY-97	470,930	388,182	85,743	69,613	33,680	6,683	34,573	9,112	1,089,404	25,012	2,157,259	86	535,000
FY-98	513,472	471,698	121,121	85,139	40,011	5,454	35,131	2,611	1,272,026	28,518	2,361,588	83	641,010
FY-99	684,276	607,289	85,658	59,304	164,475	3,937	23,661	6,959	1,635,559	31,328	2,610,230	83	781,677
FY-00	707,967	496,374	83,883	62,270	48,348	5,137	16,642	115,388	1,536,009	38,325	3,017,430	79	914,534
FY-01	691,545	524,403	127,305	64,906	43,395	5,065	14,577	120,125	1,591,321	34,485	3,446,387	100	1,134,034
FY-02	826,770	659,551	161,467	96,787	61,537	3,642	19,811	30,184	1,859,748	37,546	3,337,076	89	1,385,590
FY-03	760,225	679,185	124,724	107,219	39,553	1,626	18,056	37,344	1,767,933	40,254	3,490,013	87	1,196,579
<b>Totals:</b>	5,340,476	4,377,003	975,972	672,689	495,562	37,678	233,158	391,386	12,442,538	263,077	23,229,747	88	7,457,012

Additional Program summary results:

Total Cost per Participant: 47.30  
 Total Disposal Cost per Participant: 20.30  
 Average Pound per Participant: 88.30  
 Cost to Manage per Pound: 0.54  
 Average Disposal Cost per Pound: 0.72

Total Pounds Collected: 23,229,747  
 Pounds HW Contracted for Disposal: 7,457,012

## **Appendix F**

Annual Report Summary of each Kansas SQG Program



Please fill out all areas shaded in yellow which are pertinent to your program. Thank you for your time.

Kansas Small Quantity Generator Program - Annual Report Form

for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

Name of Facility: Harvey County

County(ies) Served: Harvey County

Facility Address:

phone#: (316) 283-5439

fax#: (316) 283-3749

e-mail:

Facility Contact: Roy Patton

Waste Category	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period)	Wastes DISTRIBUTED through a REUSE Waste Exchange program	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
DOT Class (Class description)			pounds	pounds	Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )		12 pounds per gallon												0
2. NR (Bulk Used Oil )		8 pounds per gallon												0
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)														0
4. Class 3 (Bulk Oil Based Paint )		12 pounds per gallon												0
5. Class 3 (Bulk Fuels/ Fuel Blends)		8 pounds per gallon												0
6. Class 4, Div. 4.1 (Flammable Solids)		When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.												0
7. Class 4, Div. 4.2 (Spontaneously Combustible)														0
8. Class 4, Div. 4.3 (Dangerous when wet)														0
9. Class 5, Div. 5.1 (Oxidizers)														0
10. Class 5, Div. 5.2 (Organic Peroxides)														0
11. Class 6, Div. 6.1 (Poisons)														0
12. Class 6, Div. 6.1 (Dioxin)														0
13. Class 8 (Corrosives, Acids and Bases)								180						180
14. Class 8 (Batteries - lead Acid)		Car batteries, at 30 pounds each												0
15. Class 8 (Sorted Batteries - NiCd)		Please note conversion factor used to estimate amounts left in storage, if applicable.												0
16. Class 8 (Batteries - Dry Cell)														0
17. NR (Antifreeze)														0
18. NR (Non-Hazardous)														0
19. Other:														0
20. Other:														0
21. Other:														0
22. Other:														0
Total pounds Managed:			0	0	0	0	0	180	0	0	0	0	0	180

Additional Program summary results:

Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost:

B. Salaries:

C. Equipment/Supplies:

D. Overhead (Admin & Util):

E. Public Education/Advertising:

F. Physicals

G. Training

H. Other

TOTAL ANNUAL OPERATIONAL COSTS:

\$0.00

Total Cost per Participant:

\$0.00

Total Disposal Cost per Participant:

0.00

Average Pound per Participant:

60

Cost to manage per Pound :

\$0.00

Average Disposal Cost per Pound:

\$0.00

Percent Managed through Waste Exchange Program:

0%

Percent Contracted for Hazardous Waste disposal:

100%

Percent Managed through Other means:

0%

Percent in Storage as of report date:

0%

How many hours did volunteers save?

Total Number of Participants for the year (July 1, 2002 - June 30, 2003): 3

Please fill out all areas shaded in yellow which are  
pertinent to your program. Thank you for your time.

## Kansas Small Quantity Generator Program - Annual Report Form

**for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)**

Name of Facility: Johnson County

County(ies) Served: Johnson County

Facility Address: 5801 Foxridge, Mission, KS

phone#: (913) 492-0402

fax#: (913) 492-0142

e-mail: Betsy.Livingston@jocoks.com

Facility Contact: Betsy Sabel-Livingston

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	JCED	12 pounds per gallon		8,800										8,800
2. NR (Bulk Used Oil )	Chrystal Clean	8 pounds per gallon								48				48
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)														0
4. Class 3 (Bulk Oil Based Paint )	PSC	12 pounds per gallon				6,000								6,000
5. Class 3 (Bulk Fuels/ Fuel Blends)		8 pounds per gallon												0
6. Class 4, Div. 4.1 (Flammable Solids)		When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.												0
7. Class 4, Div. 4.2 (Spontaneously Combustible)														0
8. Class 4, Div. 4.3 (Dangerous when wet)														0
9. Class 5, Div. 5.1 (Oxidizers)														0
10. Class 5, Div. 5.2 (Organic Peroxides)														0
11. Class 6, Div. 6.1 (Poisons)														0
12. Class 6, Div. 6.1 (Dioxin)														0
13. Class 8 (Corrosives, Acids and Bases)														0
14. Class 8 (Batteries - lead Acid)		Car batteries, at 30 pounds each												0
15. Class 8 (Sorted Batteries - NiCd)		For all other batteries report actual weight												0
16. Class 8 (Batteries - Dry Cell)														0
17. NR (Antifreeze)		Please note conversion factor used to estimate amounts left in storage, if applicable.												0
18. NR (Non-Hazardous)														0
19. Other: (mercury)	PSC				158									158
20. Other: (lab pack chemicals)	PSC								2,270					2,270
21. Other:														0
22. Other:														0
<b>Total pounds Managed:</b>			0	8,800	158	6,000	0	0	2,270	48	0	0	0	17,276

Additional Program summary results:

**Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):**

A. Disposal Cost: \$5,700.00 E. Public Education/Advertising: \_\_\_\_\_

B. Salaries: \_\_\_\_\_ F. Physicals: \_\_\_\_\_

C. Equipment/Supplies: \_\_\_\_\_ G. Training: \_\_\_\_\_

D. Overhead (Admin & Util): \_\_\_\_\_ H. Other: \_\_\_\_\_

TOTAL ANNUAL OPERATIONAL COSTS: \$5,700.00

Total Cost per Participant: \$162.86

Total Disposal Cost per Participant: 162.86

Average Pound per Participant: 494

Cost to manage per Pound : \$0.33

Average Disposal Cost per Pound: \$0.68

Percent Managed through Waste Exchange Program: 51%

Percent Contracted for Hazardous Waste disposal: 49%

Percent Managed through Other means: 0%

Percent in Storage as of report date: 0%

How many hours did volunteers save?

**Total Number of Participants for the year (July 1, 2002 - June 30, 2003):** 35

# Kansas Small Quantity Generator (SQG) Program - Annual Report Form

for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)

Name of Facility: **Lawrence / Douglas County HHW Facility**

County(ies) Served: Douglas

Facility Address: 711 E 23rd Street

phone#: 785-832-3030

fax#: 785-832-3056

e-mail: mmangerich@ci.lawrence.ks.us

Facility Contact: Mollie Mangerich

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )	Philip Services	12 pounds per gallon											5,286	5,286
2. NR (Bulk Used Oil )	Marathon Oil	8 pounds per gallon								170				170
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Philip Services								87					87
4. Class 3 (Bulk Oil Based Paint )	Philip Services	12 pounds per gallon				1,915								1,915
5. Class 3 (Bulk Fuels/ Fuel Blends)	Philip Services	8 pounds per gallon				662								662
6. Class 4, Div. 4.1 (Flammable Solids)	Philip Services	When determining weights of LAB PACKS in Storage don't forget to subtract the drum weight and the absorbent material, to report the NET WEIGHT, or the amount of wastes collected and managed.												
7. Class 4, Div. 4.2 (Spontaneously Combustible)	Philip Services													
8. Class 4, Div. 4.3 (Dangerous when wet)	Philip Services													
9. Class 5, Div. 5.1 (Oxidizers)	Philip Services								46					46
10. Class 5, Div. 5.2 (Organic Peroxides)	Philip Services													
11. Class 6, Div. 6.1 (Poisons)	Philip Services								515					515
12. Class 6, Div. 6.1 (Dioxin)	Philip Services													
13. Class 8 (Corrosives, Acids and Bases)	Philip Services						349							349
14. Class 8 (Batteries - lead Acid)	Lawrence Battery	Car batteries, at 30 pounds each								30				30
15. Class 8 (Sorted Batteries - NiCd)	Philip Services	For all other batteries report actual weight												
16. Class 8 (Batteries - Dry Cell)	Philip Services													
17. NR (Antifreeze)	Philip Services	Please note conversion factor used to estimate amounts left in storage, if applicable.												17
18. NR (Non-Hazardous)	Philip Services						17							
19. Other: (Mercury)	Philip Services				25									25
20. Other: 3(6.1)	Philip Services								69					69
21. Other: 6.1 (3)	Philip Services								22					22
22. Other:	Philip Services													
<b>Total pounds Managed:</b>					25	2,577	366		739	200			5,286	9,193

Additional Program summary results:

## Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):

A. Disposal Cost: \$4,301.89  
B. Salaries: \_\_\_\_\_  
C. Equipment/Supplies: \_\_\_\_\_  
D. Overhead (Admin & Util): \_\_\_\_\_  
E. Public Education/Advertising: \_\_\_\_\_  
F. Physicals: \_\_\_\_\_  
G. Training: \_\_\_\_\_  
H. Other: \_\_\_\_\_

TOTAL ANNUAL OPERATIONAL COSTS: \_\_\_\_\_

Total Cost per Participant: \$195.54  
Total Disposal Cost per Participant: \$122.91  
Average Pound per Participant: 283  
Cost to manage per Pound : 418  
Average Disposal Cost per Pound: \$0.48

Percent Managed through Waste Exchange Pr 0  
Percent Contracted for Hazardous Waste disp 40%  
Percent Managed through Other means: 60%  
Percent in Storage as of report date: 0%

Total Number of Participants for the year (July 1, 2002 - June 30, 2003) (23 dropped off, 12 pending)

Please fill out all areas shaded in yellow which are pertinent to your program. Thank you for your time.

# **Kansas Small Quantity Generator Program - Annual Report Form**

**for State Fiscal Year 2003 (July 1, 2002 to June 30, 2003)**

Name of Facility: Sedgwick County  
County(ies) Served: Sedgwick County  
Facility Address: 901 Stilwell  
phone#: (316) 660-7464

fax#: (319) 660-3088

e-mail: kanglin@sedgwick.gov

Facility Contact: Kolin Anglin

Waste Category DOT Class (Class description)	Name of Disposal Contractor for each category	Conversion factors used to estimate amounts left in Storage	Wastes in STORAGE (includes all wastes left in storage at the close of the report period) pounds	Wastes DISTRIBUTED through a REUSE Waste Exchange program pounds	HAZARDOUS WASTES CONTRACTED or disposal at a cost					Wastes not contracted as Hazardous Waste or disposal at no cost				Total Pounds COLLECTED
					Recycled (HW) i.e. batteries pounds	Energy Recovery (HW) fuel sub. pounds	Treatment (HW) pounds	Landfilled (HW) pounds	Incineration (HW) pounds	Recycled i.e. batteries, & refining of used oil pounds	Energy Recovery i.e. used oil, fuel substitutes pounds	Treatment and/or disposal through sanitary sewer pounds	Landfilled at Non HAZ MSW LF pounds	
1. NR (Bulk Latex Paints )		12 pounds per gallon												0
2. NR (Bulk Used Oil )	Universal Lubricants	8 pounds per gallon								11,376				11,376
3. Class 2, Div. 2.1 (Sorted Aerosols, Lab/Loose pack)	Clean Harbors								42					42
4. Class 3 (Bulk Oil Based Paint )		12 pounds per gallon												0
5. Class 3 (Bulk Fuels/ Fuel Blends)	Clean Harbors	8 pounds per gallon				20,714								20,714
6. Class 4, Div. 4.1 (Flammable Solids)														0
7. Class 4, Div. 4.2 (Spontaneously Combustible)														0
8. Class 4, Div. 4.3 (Dangerous when wet)														0
9. Class 5, Div. 5.1 (Oxidizers)	Clean Harbors								41					41
10. Class 5, Div. 5.2 (Organic Peroxides)														0
11. Class 6, Div. 6.1 (Poisons)	Clean Harbors								89					89
12. Class 6, Div. 6.1 (Dioxin)														0
13. Class 8 (Corrosives, Acids and Bases)	Clean Harbors						317							317
14. Class 8 (Batteries - lead Acid)		Car batteries, at 30 pounds each												0
15. Class 8 (Sorted Batteries - NiCd)		For all other batteries report actual weight												0
16. Class 8 (Batteries - Dry Cell)														0
17. NR (Antifreeze)	Antifreeze Recyclers of KS				507									507
18. NR (Non-Hazardous)	Waste Connections					919				10				929
19. Other: (Mercury)														0
20. Other:														0
21. Other:														0
22. Other:														0
<b>Total pounds Managed:</b>			0	0	507	21,633	317	0	172	11,386	0	0	0	34,015

Additional Program summary results:

**Annual Operational Costs for the year (July 1, 2002 - June 30, 2003):**

A. Disposal Cost: \_\_\_\_\_  
B. Salaries: \_\_\_\_\_  
C. Equipment/Supplies: \_\_\_\_\_  
D. Overhead (Admin & Util): \_\_\_\_\_

TOTAL ANNUAL OPERATIONAL COSTS:

\$0.00

Total Cost per Participant: \$0.00  
Total Disposal Cost per Participant: 0.00  
Average Pound per Participant: 508  
Cost to manage per Pound : \$0.00  
Average Disposal Cost per Pound: \$0.00

Percent Managed through Waste Exchange Program: 0%  
Percent Contracted for Hazardous Waste disposal: 67%  
Percent Managed through Other means: 33%  
Percent in Storage as of report date: 0%

How many hours did volunteers save?

**Total Number of Participants for the year (July 1, 2002 - June 30, 2003):**

67



Kansas Department of Health and Environment  
Article 29. Solid Waste Management

28-29-1100. Household hazardous waste. General. (a) Applicability. K.A.R. 28-29-1100 through K.A.R. 28-29-1107 shall apply to each household hazardous waste facility as defined in K.S.A. 65-3402, and amendments thereto. Subsection (f) of this regulation shall apply to collection events that take place at a site that is not a permanent household hazardous waste collection site. The standards in these regulations shall not exempt any materials from applicable state or federal regulations that are more stringent than these regulations. In each case in which the requirements of the household hazardous waste regulations K.A.R. 28-29-1100 through K.A.R. 28-29-1107 conflict with the requirements of the administrative procedure and solid waste management regulations in K.A.R. 28-29-6 through K.A.R. 28-29-23, the requirements of K.A.R. 28-29-1100 through K.A.R. 28-29-1107 shall control.

(b) Definitions. For the purposes of these regulations, the following definitions shall apply:

(1) “Household hazardous waste” or “HHW” means household waste that would be determined to be hazardous waste according to K.A.R. 28-31-4 (b) if the waste were not household waste.

(2) “Nonhazardous household waste” or “NHHW” means household waste that is not HHW.

(3) “Small quantity generator” shall have the meaning specified in K.A.R. 28-31-2.

(4) “USDOT hazard class or division” means the hazard class or division defined by the United States department of transportation and adopted by reference in K.A.R. 28-31-4 (e).

(c) Used oil. Each HHW facility that accepts used oil from household do-it-yourselfers or exempt farmers shall manage the used oil in accordance with K.A.R. 28-31-16 upon receipt of the used oil at the HHW facility’s central collection center. Each HHW facility that transports used oil from businesses shall manage the used oil in accordance with K.A.R. 28-31-16 upon receipt of the used oil at the business site.

(d) Small quantity generator (SQG) waste. Each HHW facility that is permitted to accept SQG

waste shall manage all SQG waste that is not hazardous waste in the same manner as that for nonhazardous household waste and shall manage all SQG hazardous waste in the same manner as that for HHW.

(e) Other hazardous waste. Any HHW facility may accept hazardous waste from a source other than a household or an SQG in an emergency, if the facility's operating plan contains procedures to follow in such an emergency.

(f) Temporary collection events. Each temporary collection event at a fixed site shall be conducted only under the direct supervision of a permitted HHW facility or in accordance with a plan approved by KDHE. (Authorized by and implementing K.S.A. 1999 Supp. 65-3406 and 65-3460; effective P-\_\_\_\_\_.)

28-29-1101. Household hazardous waste facility design. The owner or operator of each HHW facility shall perform the following:

(a) Design and construct each access road to accommodate expected traffic flow in a safe and efficient manner;

(b) construct the floor or base of each household waste receiving area and each processing area of concrete or asphalt;

(c) design and construct each storage area for household waste, except used oil stored in tanks, with a weather-resistant, permanent roof; and

(d) provide secondary containment for all HHW stored for disposal or recycling. The secondary containment shall be capable of containing either 110 percent of the volume of the largest container or 10 percent of the total volume of all the containers, whichever is greater. (Authorized by and implementing K.S.A. 1999 Supp. 65-3406 and 65-3460; effective P-\_\_\_\_\_.)

28-29-1102. Household hazardous waste facility operations. (a) Nonhazardous household waste.

(1) Each HHW facility operator shall store and manage all NHHW according to the facility's operating plan and the following requirements:

(A) Place the NHHW in the designated area, as described in the facility operating plan, within one week after it is received;

(B) ensure that each NHHW storage container or each NHHW storage area has a label or sign designating its contents;

(C) when NHHW is present, inspect all NHHW storage areas weekly to assess waste volume and container integrity, and document these inspections in a log that is dated and either signed or initialed by the person who conducted the inspection; and

(D) store NHHW to be distributed for use in a manufacturer's original container or, for latex paint, in a compatible container provided by the HHW facility. Each container that will be distributed for use shall be labeled, closed, and nonleaking.

(2) Each HHW facility operator shall distribute for use, recycling, or disposal all NHHW accepted by the facility according to all of the following requirements:

(A) NHHW may be distributed for use in a manner equivalent to its originally intended purpose.

(B) NHHW may be disposed of in a permitted municipal solid waste landfill. However, latex paint and all other liquids shall be disposed of in a permitted municipal solid waste landfill only if one of the following conditions is met:

(i) The paint or other liquid is solidified.

(ii) The paint or other liquid is in the original container, and the volume of the container is no greater than five gallons.

(C) NHHW may be disposed of in a sanitary sewer connected to a publicly owned treatment works with written authorization from the operators of the publicly owned treatment works.

(D) The HHW facility may choose to manage certain types of NHHW, as described in the

facility's operating plan, according to the requirements in subsection (b) of this regulation.

(b) Household hazardous waste.

(1) Each HHW facility operator shall store and manage all HHW according to the facility's operating plan and all of the following requirements:

(A) Place the HHW in the designated area, as described in the facility operating plan, within one week after it is received. Sort and segregate all HHW, except HHW that will be distributed for use, by U.S. department of transportation hazard class or division;

(B) except for HHW that will be distributed for use, mark each HHW storage container or each segregated HHW storage area according to U.S. department of transportation hazard class or division;

(C) keep all storage containers that are in direct contact with HHW closed, except when adding or removing waste;

(D) when HHW is present, inspect all HHW storage areas weekly to assess waste volume and container integrity, and document these inspections in a log that is dated and either signed or initialed by the person who conducted the inspection; and

(E) store HHW that will be distributed for use in a manufacturer's original container. Each container that will be distributed for use shall be labeled, closed, and nonleaking.

(2) Each HHW facility operator shall distribute for use, recycling, or disposal all HHW accepted by the facility according to all of the following requirements:

(A) HHW may be distributed for use in a manner equivalent to its originally intended purpose.

(B) All HHW that is transferred for treatment, storage, or disposal shall be transferred to a permitted hazardous waste treatment, storage, or disposal facility by a registered hazardous waste transporter.

(C) All HHW that is transferred for treatment, storage, or disposal shall be manifested as hazardous waste as described in K.A.R. 28-31-4 (d), with the following changes:

(i) For the purposes of paragraph (b)(2)(C) of this regulation, "Kansas or EPA generator"

shall be replaced with “HHW facility operator,” and “hazardous waste” shall be replaced with “HHW” in K.A.R. 28-31-4 (d).

(ii) All applicable hazardous waste codes for each waste shall be listed on the manifest, using all available information. HHW facilities shall not be required to submit samples for laboratory testing in order to determine hazardous waste codes.

(D) All HHW that is transferred for treatment, storage, or disposal shall be subject to the hazardous waste land disposal requirements specified in K.A.R. 28-31-14.

(E) All HHW that is transferred for treatment, storage, or disposal shall be prepared for transportation off-site as specified in K.A.R. 28-31-4 (e). For the purposes of this paragraph, “Kansas or EPA generator” shall be replaced with “HHW facility operator,” and “hazardous waste” shall be replaced with “HHW” in K.A.R. 28-31-4 (e).

(F) The requirements of paragraphs (b)(2)(B) through (b)(2)(E) of this regulation shall not apply to the following wastes:

(i) HHW that is transferred to a universal waste facility and packaged and labeled in accordance with K.A.R. 28-31-15;

(ii) antifreeze that is transferred to a commercial collector under the conditions of an agreement to recycle the antifreeze;

(iii) HHW that is disposed of in the sanitary sewer connected to a publicly owned treatment works with written authorization from the operators of the publicly owned treatment works. HHW shall not be discharged to storm sewers or septic systems;

(iv) containers that have been emptied to the fullest practical extent and are disposed of in a permitted municipal solid waste landfill;

(v) HHW that is transferred between HHW facilities; and

(vi) other waste, as approved by the department.

(c) Storage. Each HHW facility operator shall maintain the quantity of stored material at or below the facility’s permitted storage capacity.

(d) Signs. Each HHW facility operator shall post a sign outside of the facility that includes the following information:

- (1) The name of the facility;
- (2) the hours and days of operation;
- (3) the name of the permit holder;
- (4) the telephone number of an emergency contact available during nonoperating hours; and
- (5) the permit number.

(e) Training. All HHW facility managers, employees, and volunteers that are responsible for sorting, segregating, or processing HHW shall receive a minimum of 24 hours of classroom training related to the proper handling of hazardous materials and shall receive a minimum of eight hours of annual refresher training. Education or experience may be substituted for the required training, subject to departmental approval. No person shall sort, segregate, or process HHW without on-site supervision before receiving this training. (Authorized by and implementing K.S.A. 1999 Supp. 65-3406 and 65-3460; effective

P-\_\_\_\_\_.)

28-29-1103. Mobile HHW collection units. Each permitted facility that transports HHW from a temporary collection site or from a satellite HHW facility to a permitted HHW facility shall perform the following:

- (a) Clearly mark "Household hazardous waste" on both sides of the mobile collection unit;
- (b) separate all HHW by USDOT hazard class or division before transport;
- (c) lab pack or overpack the household waste in containers meeting the USDOT manufacturing and testing specifications for transportation of hazardous materials, as adopted by reference in K.A.R. 28-31-4 (e);

- (d) label the containers with a USDOT hazard class or division label or sign;
- (e) seal and secure all containers for transport; and

(f) during transportation, carry a bill of lading describing the USDOT hazard class or division and the approximate quantities of the contents of the mobile collection unit. (Authorized by and implementing K.S.A. 1999 Supp. 65-3406 and 65-3460; effective P-\_\_\_\_\_.)

28-29-1104. Satellite HHW facilities. (a) "Satellite HHW facility" shall mean any permanent HHW collection site, located away from the central collection center, that is part of a permitted HHW program.

(b) Each person who owns or operates a satellite HHW facility shall meet all of the following requirements:

(1) The HHW satellite facility shall be described in the approved operating plan of the permitted HHW facility or facilities with which the satellite HHW facility is associated.

(2) The owner or operator of the satellite HHW facility shall submit an operating plan, a facility drawing, and a description of any HHW storage cabinets to the department.

(3) A copy of each bill of lading used for transporting HHW to the central collection center shall be maintained at the satellite HHW facility for a period of three years.

(c) Each person who owns or operates a satellite HHW facility using storage cabinets shall meet all of the following requirements:

(1) A minimum of two and a maximum of four HHW storage cabinets, including at least one for flammables and one for corrosives, shall be used at each satellite HHW facility.

(2) Each HHW storage cabinet shall be designed for the HHW stored in it.

(3) Each HHW storage cabinet shall have a storage capacity of not more than 120 gallons.

(4) All HHW shall be properly segregated and stored within the appropriate storage cabinets by the end of the working day.

(5) If HHW is present, the facility owner or operator shall inspect all HHW storage areas weekly to assess waste volume and container integrity, and shall document these inspections in a log that is dated and either signed or initialed by the person who conducted the inspection.

(6) Not more than one week after the storage capacity has been reached, the owner or operator shall make arrangements to remove the HHW stored in HHW storage cabinets. HHW stored in HHW storage cabinets shall be removed at least once a year. (Authorized by and implementing K.S.A. 1999 Supp. 65-3406 and 65-3460; effective P-\_\_\_\_\_.)

28-29-1105. HHW reporting and recordkeeping. (a) The owner or operator of each HHW facility shall submit an annual report to the department on a form furnished by the department.

(b) The owner or operator of each HHW facility shall maintain a copy of the approved design plan, closure plan, and all modifications to the plans, at the facility or at another location designated in the facility operating plan, until the facility closes.

(c) The owner or operator of each HHW facility shall maintain at the facility a copy of the approved operating plan and all modifications to the plan, until the facility closes.

(d) The owner or operator of each HHW facility shall maintain the following records at the facility or at another location designated in the facility operating plan, for at least three years:

(1) Copies of the annual report;

(2) training records;

(3) bills of lading;

(4) hazardous waste manifests;

(5) land disposal restriction notifications;

(6) weekly inspection records; and

(7) notification of changes to approved design, operations, and closure plans. (Authorized by and implementing K.S.A. 1999 Supp. 65-3406 and 65-3460; effective P-\_\_\_\_\_.)

28-29-1106. HHW facility closure. The owner or operator of each HHW facility shall meet the following requirements:

(a) Notify the department at least 60 days before beginning closure;



(b) remove all household waste within 90 days after last receiving waste; and

(c) submit to the department certification that the facility has closed in accordance with the specifications in the approved closure plan. (Authorized by and implementing K.S.A. 1999 Supp. 65-3406 and 65-3460; effective P-\_\_\_\_\_.)

28-29-1107. HHW permits. (a) Each person that plans to establish an HHW facility shall submit a permit application to the department on a form supplied by the department. The applicant shall include with the permit application the following items:

(1) Facility design plan. The facility design plan shall include all of the following information:

(A) The type, size, and location of the facility;

(B) a regional plan or a map showing the service area;

(C) a vicinity plan or map that depicts the following features and information:

(i) Residences, wells, surface waters, and access roads within 0.5 mile of the site boundaries, and any other existing or proposed man-made or natural features relating to the project;

(ii) adjacent zoning and land use; and

(iii) evidence that the facility will not be located within the 100-year floodplain;

(D) a topographic map showing elevation contours;

(E) a site plan depicting the following features:

(i) On-site and off-site utilities, including electricity, gas, and water;

(ii) storm and sanitary sewer systems;

(iii) right-of-ways; and

(iv) the location of buildings and appurtenances, fences, gates, roads, paved lots, parking areas, drainage, culverts, and signs; and

(F) detailed plans depicting the following features:

(i) Building elevation and plan view;

(ii) building floor plans, shelving plans, appurtenances, and necessary detail sections to include electrical and mechanical systems;

(iii) designated areas for activities to be conducted at the facility, including receipt, segregation, bulking, distribution, packaging, and storage of household waste; and

(iv) entrance area gates, fencing, and signs.

(2) Operating plan. The operating plan shall contain the following information:

(A) The activities to be conducted at the facility, including receipt, segregation, bulking, packaging, storage, and distribution of household waste;

(B) the activities to be conducted off-site, including operation of mobile collection units, curbside collection, and satellite storage facilities;

(C) the procedures for handling ignitable or reactive waste;

(D) the procedures for identifying and managing small quantity generator waste;

(E) the duties and responsibilities of facility personnel;

(F) the training program and requirements for the different types of facility personnel; and

(G) the emergency response plan for events including spills, fires, equipment failure, power outages, natural disasters, receipt of prohibited materials, and other similar interruptions of normal activities.

(3) Closure plan. The closure plan shall contain the following information:

(A) The procedure for removing and disposing of waste at closure;

(B) the procedure for cleaning the facility;

(C) the schedule for closure; and

(D) the closure cost estimate on a form supplied by the department.

(b) Modifications to plans. The owner or operator shall notify the department, in writing, of all modifications to the approved plans before the implementation of modifications. Modifications submitted to the department shall be effective 28 calendar days after the date the modification notice is received by the department, unless the department notifies the owner or operator that the

modification will require further review before it can be approved. Changes to approved plans shall not conflict with any provision of K.A.R. 28-29-1100 through K.A.R. 28-29-1107. (Authorized by and implementing K.S.A. 1999 Supp. 65-3406 and 65-3460; effective P-\_\_\_\_\_.)

